


S/M NO. : TSLS00AEF0

Service Manual
LCD TV

CHASSIS : SL-S00A/01A/10A

Model : LA32L1B1LM
LA37L1B1LM
LA42L1B1LM
LA42L1B1LF

Caution
: In this Manual, some parts can be changed for improving. their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List)in Service Information Center.



Sep. 2008

Contents

1. Safety Precaution

(1) When moving or laying down a LCD Set, at least two people must work together. Avoid any impact towards the LCD Set.

(2) Do not leave a broken LCD Set on for a long time. To prevent any further damages, after checking the condition of the broken Set, make sure to turn the power (AC) off.

(3) When opening the BACK COVER, you must turn off power (AC) to prevent any electric shock.

(4) When loosening screws, check the position and type of the screw. Sort out the screws and store them separately for reassembling. Because screws holding PCBs are working as electric circuit grounding, make sure to check if any screw is missing when assembling / reassembling. Do not leave any screws inside the set.

(5) A LCD Set contains different kinds of connector cables. When connecting or disconnecting cables, check the direction and position of the cable beforehand.

(6) Connect/disconnect the connectors slowly with care especially FFC (film) cables and FPC cables. Do not connect or disconnect connectors instantaneously with force, and handle them carefully for reassembling.

(7) Connectors are designed so that if the number of pins or the direction does not match, connectors will not fit. When having problem in plugging the connectors, check their kind, position, and direction.

2. Preliminary Troubleshooting

1) LCD TV does not response or remote controller does not work.
   - Check the power cord to be plugged.
   - Check the battery of the remote controller.

2) Sound is discontinuous or broken sometimes.
   - Check if [SOUND] -> [AVC] is [ON].
   - Set the sound effect into 'F Mono'?
   - Set the [SOUND] -> [Digital Volume] into proper value.
   - [Digital Volume] is enabled only in digital program.
   - Check if [SOUND] -> [Speaker] is On.

3) Picture of digital program is sometimes broken and sound is discontinuous.
   - Digital program has a little problem because of signal receiving status.
   - Check if the RF cable is correctly connected.
   - Ask for the broadcasting station if the RF cable connection has no problem.

4) Picture of analog program is noisy.
   - Check the RF cable connection.
   - Check if [Picture] -> [N.R] is ON.
   - Change the [Channel] -> [Fine Tune] value.

5) Sound is not generated in HDMI mode.
   - Reconnect HDMI jack.
   - DVI signal has no sound. Check the output signal of device to be connected to LCD TV.
   - If you want to use DVI-HDMI cable, you should also connect audio cable into the LCD TV.

6) In spite of 'Auto Setup', picture size is not completely adapted to the screen in PC mode.
   - Check if the input signal is available.
   - Ensure that the desktop has no black area.
   - Some errors (picture position problem) will be occurred according to certain video card.
     In this case, you should adjust ‘Phase’, ‘Clock’, ‘H.Position’, ‘V.Position’ control.

7) In spite of 'Auto Setup', picture is not clear in the PC mode.
   - Adjust 'Phase' control.

3. Product Specification

1) Standard of Product

	Features	LA32L1B1LM	LA37L1B1LM	LA42L1B1LM	LA42L1B1LF
LCD Panel	Panel Model	LC320WXN-SAC1	LC370WXN-SAB1	LC420WXN-SAB	LC420WUN-SAA1
	Screen Size	81.28 cm	93.98 cm	106.68 cm	
	Aspect Ratio	16 : 9			
	Resolution	1366 x 768(WXGA)			1920x1080
	Pixel Pitch	0.17x0.51(mm)	0.20x0.60(mm)	0.227x0.681mm)	0.4845x0.4845(mm)
	Contrast Ratio	10,000 : 1 (MAX)			12,000 : 1(MAX)
TV System	Receiving System	NTSC , ATSC			
LVDS Cable		LPL:SMH200-30C+10030HS-30L2B+SLS00=300			LPL:12530HS-51L2+05030HS-51L+SLS10T=300
LVDS B+		+12V			
Input Connector	RF	75 Ohm Coaxial			
	S-Video / Video	1 / 2			
	Component	RCA x 2			
	PC RGB	D-Sub x 1			
	PC Audio	3.5 mm Mini-Jack			
	HDMI	2			
	USB	1			
Output Connector	SPDIF	Optical - Jack			
	Headphone	X			
	Monitor-out	1			
Sound Output	MAX.	10W			
Power Module	Model	FEL-3237VW		FEL-4247VW	
Power Consumption	Max.	120W	150W	180W	190W
	Power Source	110 – 240V~ , 50/60Hz			
Dimension (W x H x D)	Set Dimension (with stand)	874x650x244	1005x755x253	1091x787x388	

Owing to our policy of continuous improvement, specifications may change.

2) Available Input Signal

i) TVMode

- ø Color Standard : NTCS, ATSC
- ø Reception Channel : Ch 2~13 (VHF), Ch 14~69 (UHF), Ch 1, 14~125(Cable)
- ø Sound Transmission System : FM Mono, 2 Carrier, Dolby Digital
- ø IF &Subcarrier :
  - G PIF : 45.75MHz
  - G SIF : 41.25MHz
  - G Sound Subcarrier : 4.5MHz, 4.72 MHz
  - G Color Subcarrier : 3.58MHz
  - G DTV IF : 44MHz (5.38 MHz)

ii) Multimedia Mode

Resolution	V-freq	HDMI	PC(D-Sub)	Component	Standard
640 X 480	60Hz	O	O	X	VESA Standard
800 X 600	60Hz	O	O	X	VESA Standard
1024 X 768	60Hz	O	O	X	VESA Standard
1280 X 1024	60Hz	O	O	X	VESA Standard
1360 X 768	60Hz	O	O	X	
1600 X 1200	60Hz	O	O	X	
720 X 480i	60Hz	X	X	O	
720 X 480p	60Hz	O	O	O	
1280 X 720p	60Hz	O	O	O	
1920 X 1080i	60Hz	O	O	O	
1920 X 1080p	60Hz	O	O	O	

Note :

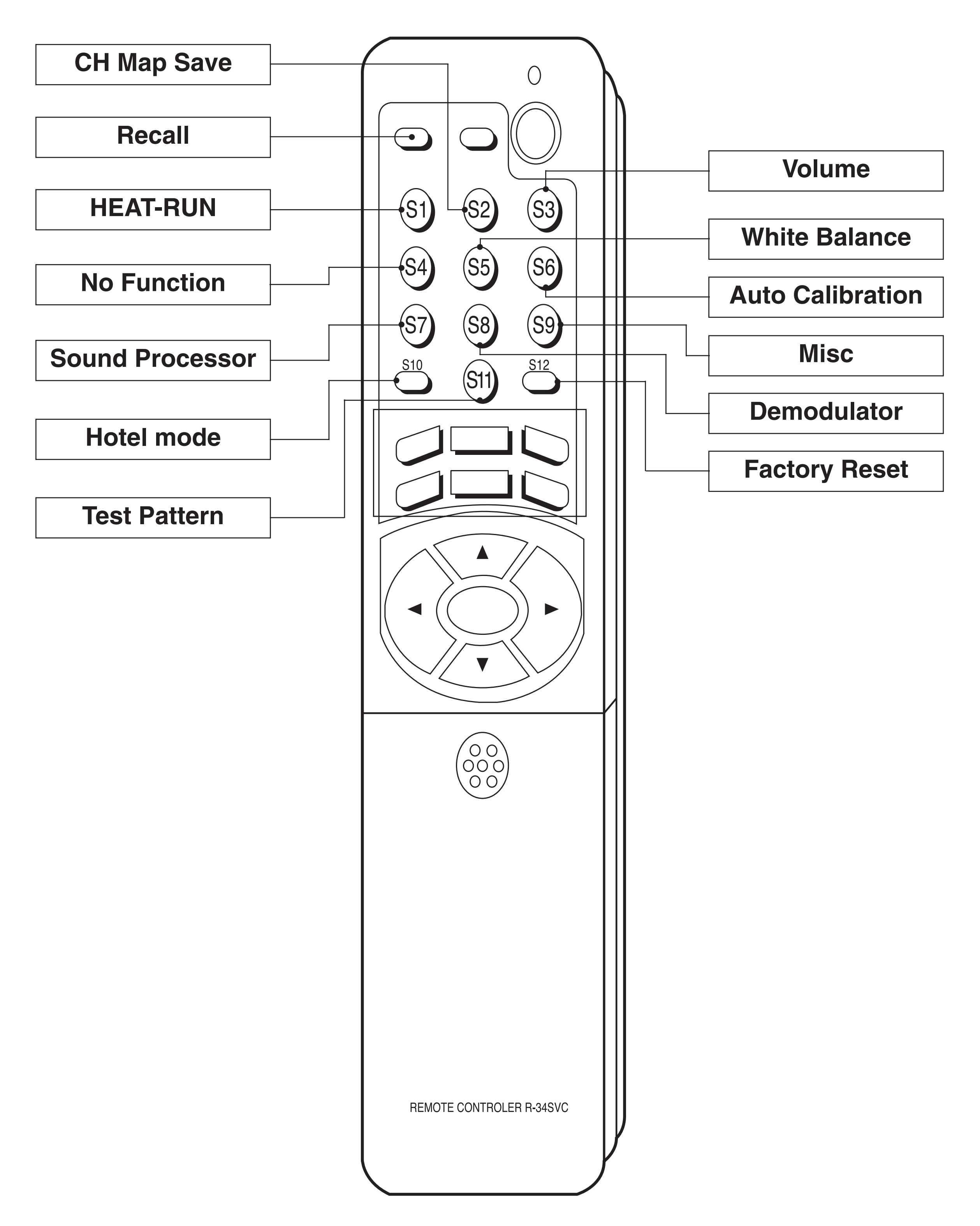
1. When you connect with component, PC (D-Sub), and HDMI, you must check the input resolution of external devices.
2. So if this mode is used at PC mode, the screen can be enlarged.
3. 1600x1200 & 1920x1080P modes are supported only Full HD model.

3) Closed Caption SPEC
- i) DIGITAL(ATSC) standard inspection pattern :
  CC708 SPEC STREAM(release to GUMI factory : 2007.02.02)
- ii) The Caption feature doesn't work in COMPONENT, HDMI, and PC modes.
- iii) The availability of captions depends on the program being broadcast.
- iv) Caption lables and respective meanings.
  - ø Analog (NTSC) :
    - G CC1 : The Primary Synchronous Caption Service.
      These are captions in the primary language that must be in sync with the sound, preferably matched to a specific frame.
    - G CC2 : The Special Non-Synchronous Use Captions.
      This channel carries data that is intended to augment information carried in the program.
    - G CC3 : Secondary Synchronous Caption Service.
      Alternate program-related caption data, typically second language captions.
    - G CC4 : Special Non-Synchronous Use Captions.
      Similar to CC2.
  - ø Digital (ATSC) :
    - G Service 1 : Primary Caption Service This service contains the verbatim, or near-verbatim captions for the primary language being spoken in the accompanying program audio.
    - G Service 2 : Secondary Language Service.
      This service contains caption in a secondary language which are translations of the captions in the Primary Caption Service.
    - G The other service sub-channels are not pre-assigned.
      It is up to discretion of the individual caption provider to utilize the remaining service channels.
- v) Caption style
  - ø Default means to follow the standard set by the broadcaster.
    - G Text Size : This option consists of Default,Small,Standard,and large.
      The default is Standard.
    - G Text Font : This option consists of Default,
      Font 1~7.You can change the font you want.
    - G Text Color : This option consists of Default, White, Black, Red, Green, Blue, Yellow, Magenta, and Cyan.
      You can change the color of the letter.The default is White.
    - G BG Color : This option consists of Default, White, Black, Red, Green, Blue, Yellow, Magenta, and Cyan. You can change the background color of the caption. The default is Black.
    - G BG Opacity : This option consists of Default, Rich, Light, and Transparent.
      You can change the background opacity of the caption.

4) V Chip(Parental Control) SPEC
- i) The rating doesn't work in PIP/POP mode. Reservse case is the same.
- ii) The rating setting is possible only on the menu.
- iii) Inital password : 2-2-1-1.
- iv) Universal key cord (When user does not know password) : 5-4-2-2.
- v) The TV Parental Guidelines.
  - ø Labels : TV-Y, TV-Y7, TV-G, TV-PG, and TV-14, TV-MA, FV, D, L, S, V
    - G TV-Y : All Children. Program is designd to be appropriate for all children.
    - G TV-Y7 : Directed to Older Children.
      Program is designd for children age 7 and above.
    - G TV-G : General Audience.
      This Program contains material that parents ma find suitable
      to yonger children.
    - G TV-PG : Parental Guidance Suggested.
      This Program contains material that parents may find.
    - G TV-14 : Parents Strongly Cautioned.
      This Program contains some material that many parents wound find
      unsuitable for children under 14 years of age.
    - G TV-MA : Mature Audience Only.
      This Program is specifically designd to be viewed by adults and therefore
      may be unsuitable for children under 17.
    - G FV : Fantasy violence / D : Sexually Suggestive Dialog / L : Adult Language /
      S : Sexual situation / V : Violence
- vi) The Movie ratings
  - ø Labels : TV-Y, TV-Y7, TV-G, TV-PG, and TV-14, TV-MA, FV, D, L, S, V
    - G G : General Audiences.All ages admitted.
    - G PG : Parental Guidance Suggested.
      Some material may not be suitable for children.
    - G PG-13 : Parents Strongly Cautioned.
      Some material may be inappropriate for children under 13.
    - G R : Restricted.
      Under 17 requires accomanying parent or adult guardian.
    - G NC-17 : No children 17 and under admitted.
    - G X : Adults only.
    - G NR : Not rated.

4. Service Remote Controller

1) Key Arrangement



Service Remote Controller

2) Service Mode Data

To enter SERVICE MODE,

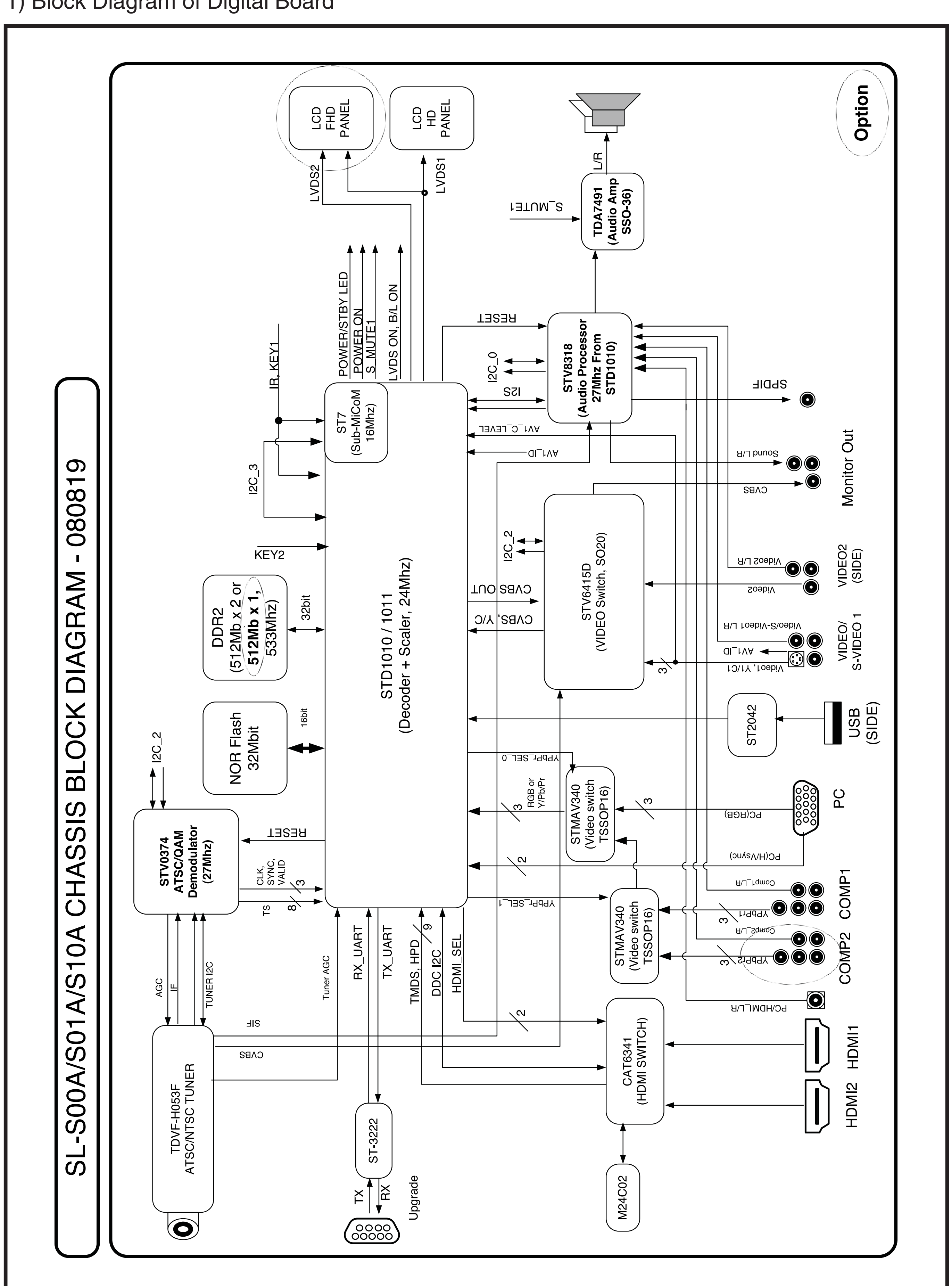
A. Press “<VOL” -> “MUTE” -> “DISPLAY” -> “MUTE” button of remote controller(R-55M15)

B. Press “S9” button of SERVICE REMOTE CONTROLLER.

Key	Menu	Sub-Menu	Function
S1	Heat Run Mode		Entering the Heat Run Mode
S2	CH Map Save & EDID Update	Gumi	Gumi CH Map Save & EDID Update
		Demda	DEMDA CH Map Save & EDID Update
		Micom Update	SubMicom Update Status
		EDID Update	EDID Update Status(Success, Fail)
		HDCP Update	HDCP Update Status(Success, Fail)
S5	White Balance & Gamma	White Balance Control	
		Color Temp	Color Temperature Selection(Normal, Cool, Warm)
		R Drive	(0~255)
		G Drive	(0~255)
		B Drive	(0~255)
		R Bias	N/A
		G Bias	N/A
		B Bias	N/A
		Gamma Correction & Color Warping Control	
		Gamma Correction Check	
		sRGB Compliance Check	
S6	Auto Calibration	Auto Calibration(RGB & YPbPr)	Auto Calibration For PC(RGB) & Component mode.
S7	Sound Processor	Scart Prescale	AV1,2,Comp1,2, PC(RGB), DVI Prescale Control
		Mono Prescale	Analog RF(Mono) Prescale Control
		Stereo Prescale	Analog RF(Stereo) Prescale Control
		SAP Prescale	Analog RF(SAP) Prescale Control
		HDMI Prescale	DTV & HDMI Prescale Control
		ST Dynamic Bass Gain	(0~31)
		ST Dynamic Bass Cut-Off Frequency	(100Hz, 150Hz, 200Hz)
		ST Voice Level	(Low, Mid, High)
		Audio Delay	Audio Delay Time Control(Only DTV mode)
S8	Demodulator	Digital AGC Lock	N/A
		Carrier Recovery Lock	N/A
		Timing Recovery Lock	N/A
		BER	Bit Error Rate(N/A)
		SER	Segment Error Rate(N/A)
		SNR	Signal to Noise Ratio(N/A)
		Cable Mode(QAM/ 8VSB/ QAM&8VSB)	Cable DTV Tuning Method Selection(N/A)
S9	Misc	Model	Chassis Name
		Decoder Version	Main Soft Version Check
		Micom Version	SubMicom Version Check
		Micom Update	Sub Micom Update
		EDID Update	EDID Update(Flash memory --> EEPROM)
		HDCP update	HDCP update(Flash memory --> STI1010)
		Dualboot Enable	On : Main Soft Update with USB memory OFF : Normal Operation
		Spread Spectrum Control	Clock Frequency Control for EMC TEST(N/A)
		On Air Down Load	Main Soft Update with RF Signal
		Panel Option	Panel Selection(LG/Samsung)
		I2C0 Sleep	I2C0 Stop
		I2C1 Sleep	I2C1 Stop
		I2C2 Sleep	I2C2 Stop
		I2C3 Sleep	I2C3 Stop
S10	Hotel Mode	Hotel Mode ON/OFF	N/A
		Initial input Mode	N/A
		Maximum Volume Level	N/A
		Maximum CH	N/A
		Key Lock	N/A
		Remocon Lock	N/A
S11	Test Pattern	Test Pattern Automatic	TEST Pattern Display Automatically(W/B/R/G/B)
		Test Pattern Manual	TEST Pattern Display manually(W/B/R/G/B)
S12	Reset	Factory Reset	User EEPROM data & CH Map Reset
		Level 1 Reset	All EEPROM data & CH Map Reset
		Level 2 Reset	Same with Level1 Reset except for Auto Calibration

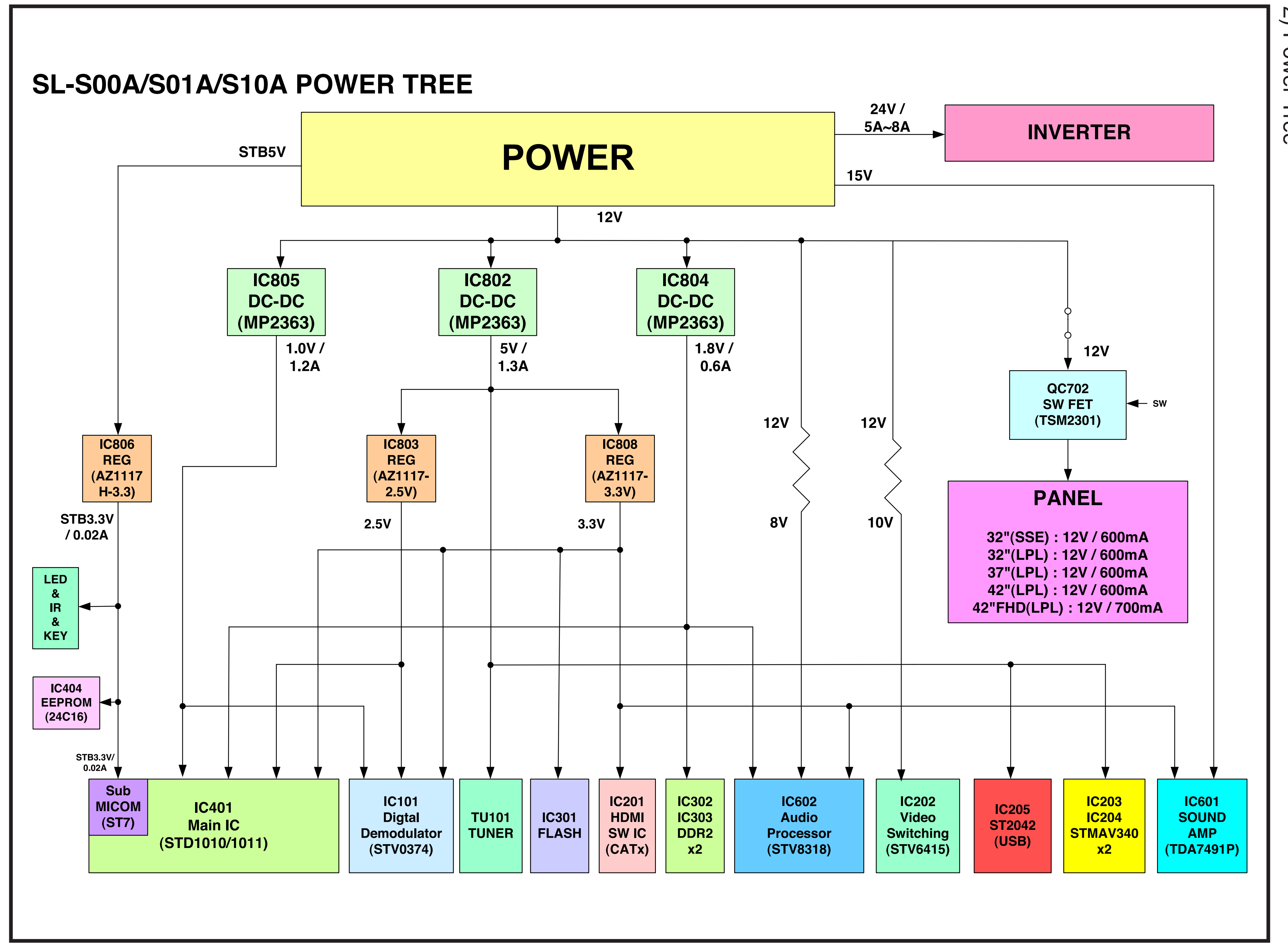
5. Block Diagram

1) Block Diagram of Digital Board



Block Diagram

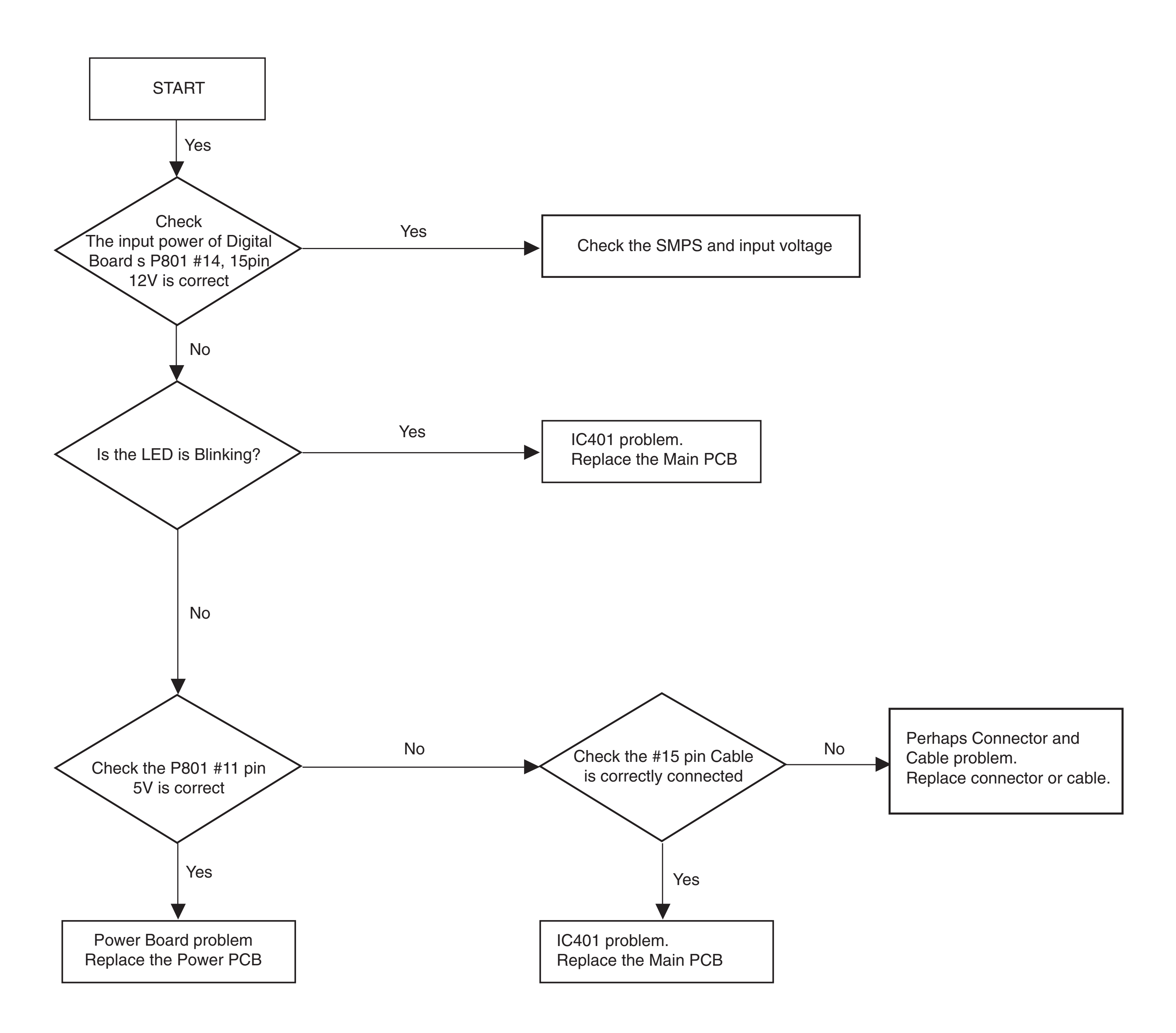
2) Power Tree



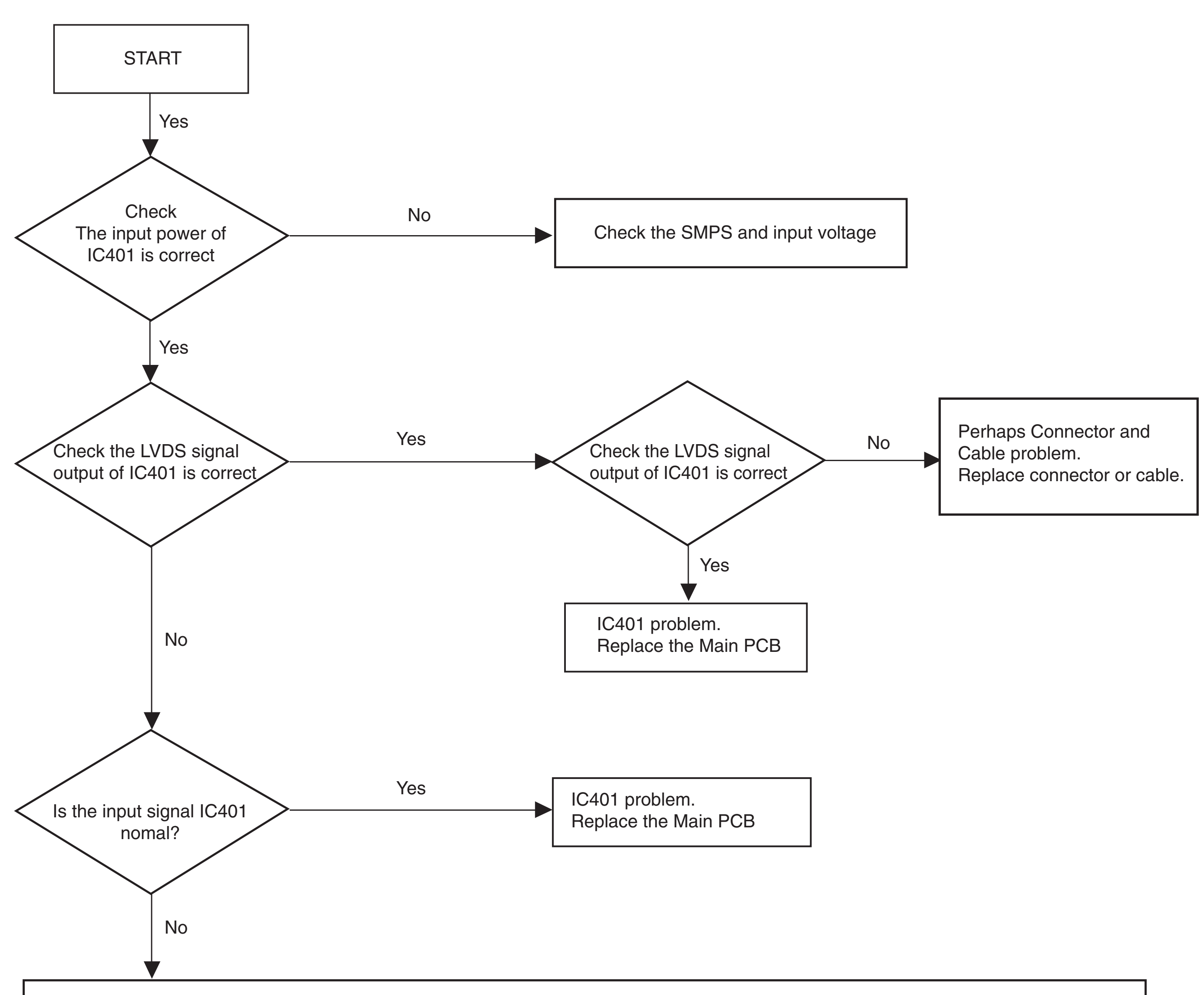
6. Hardware Trouble shooting

1) No picture & No Sound

- In case of All mode



2) No Picture - Analog & Component mode
- In case of ATV, VIDEO, COMPONENT mode



1) TV mode: Check the path

TU101(CE102) -> IC202(CC214, RC230) -> IC401(RC226, RC229, QC202, CC218, RC233, CC220, CC221)

2) Component mode: Check the path

Comp1: JK208(LC208-210) -> IC204(CC241, CC243, CC245) -> IC204(RC251, RC252, RC253)
-> IC204(RC247 ~ 249) -> IC401(RC237 ~ 239)

Comp2: JK208(LC213-215) -> IC204(CC242, CC244, CC246) -> IC204(RC251, RC252, RC253)
-> IC204(RC247 ~ 249) -> IC401(RC237 ~ 239)

3) Composite & S-Video

Composite1: JK201(LC201, CC201, RC201, CC202) -> IC202(CC210) -> IC401(RC226, RC229, QC202, CC218, RC233, CC220, CC221)

Composite2: P201(LC204, CC207, CC208, RC205) -> IC202(CC212) -> IC401(RC226, RC229, QC202, CC218, RC233, CC220, CC221)

S-Video: JK202(LC203, CC205, LC202, CC203, CC206, RC204, CC204, RC203) -> IC202(CC211, CE201, RC216) -> IC401(RC226, RC229, QC202, CC218, RC233, CC220, CC221)

A. When “No signal” in RF, AV1, AV2

1) First check if other inputs are not working

=>If other inputs are not working, replace MAIN PCB

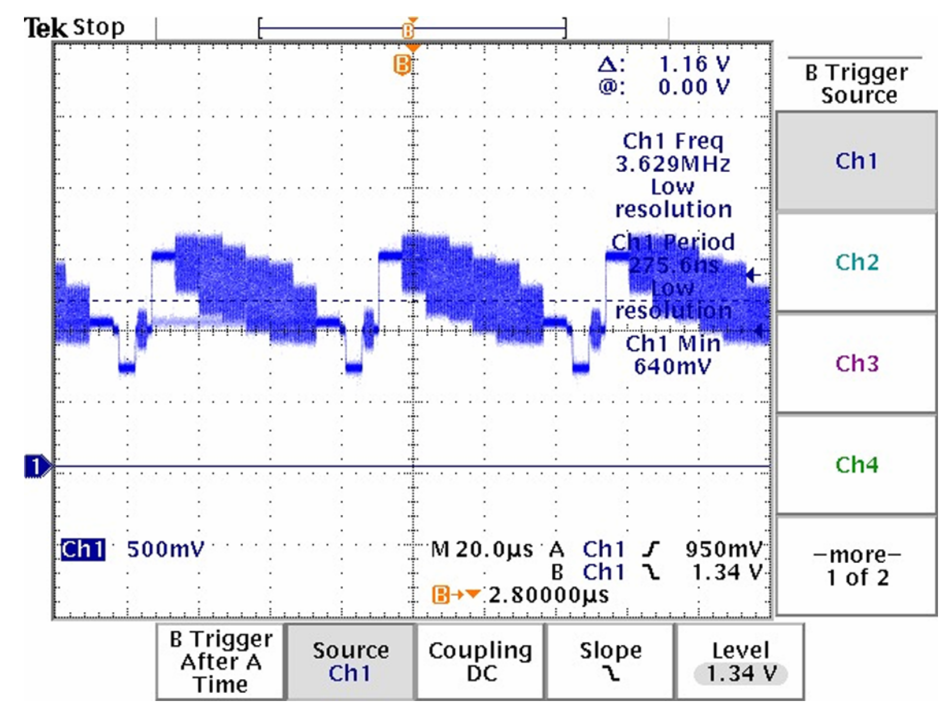
2) Checking waveforms with Color Bar Pattern(Using the oscilloscope)

-Main TP(RF) : CC220 near IC401(TOP)

-Main TP(AV1) : CC210 near IC202(TOP)

-Main TP(AV2) : CC212 near IC202(TOP)

=>If all TP signal does not appear, replace MAIN PCB.



CVBS signal(CC220) near IC401(TOP)

B. When “No signal” in Y/C signal (S-Video)

1) First check if other inputs are not working

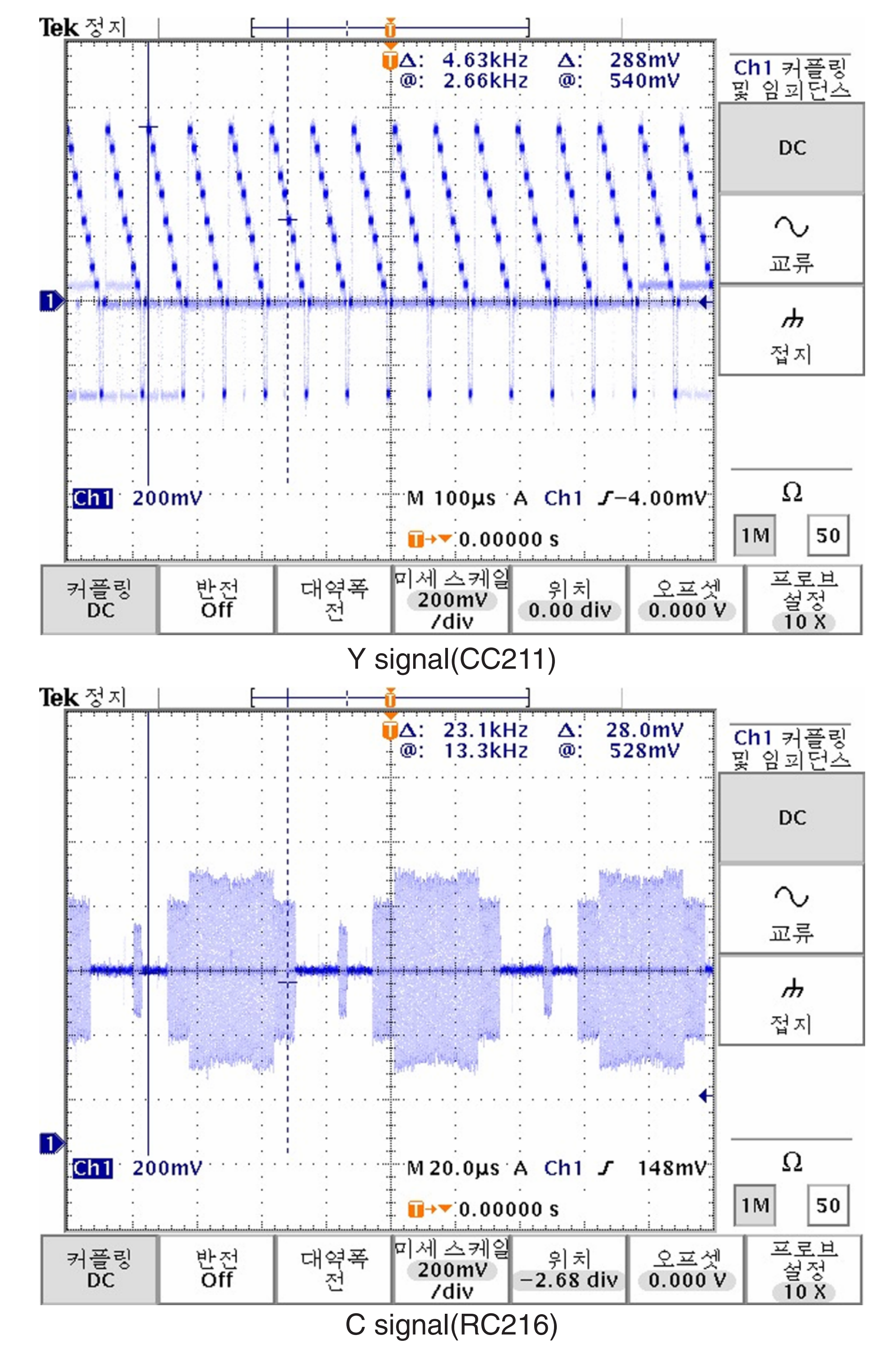
=>If other inputs are not working, replace MAIN PCB

2) Checking waveforms with Color Bar Pattern(Using the oscilloscope)

-Main TP(S-Video_Y) : CC211 near IC202(TOP)

-Main TP(S-Video_C) : RC216 near IC202(TOP)

=>If all TP signal does not appear, replace MAIN PCB.

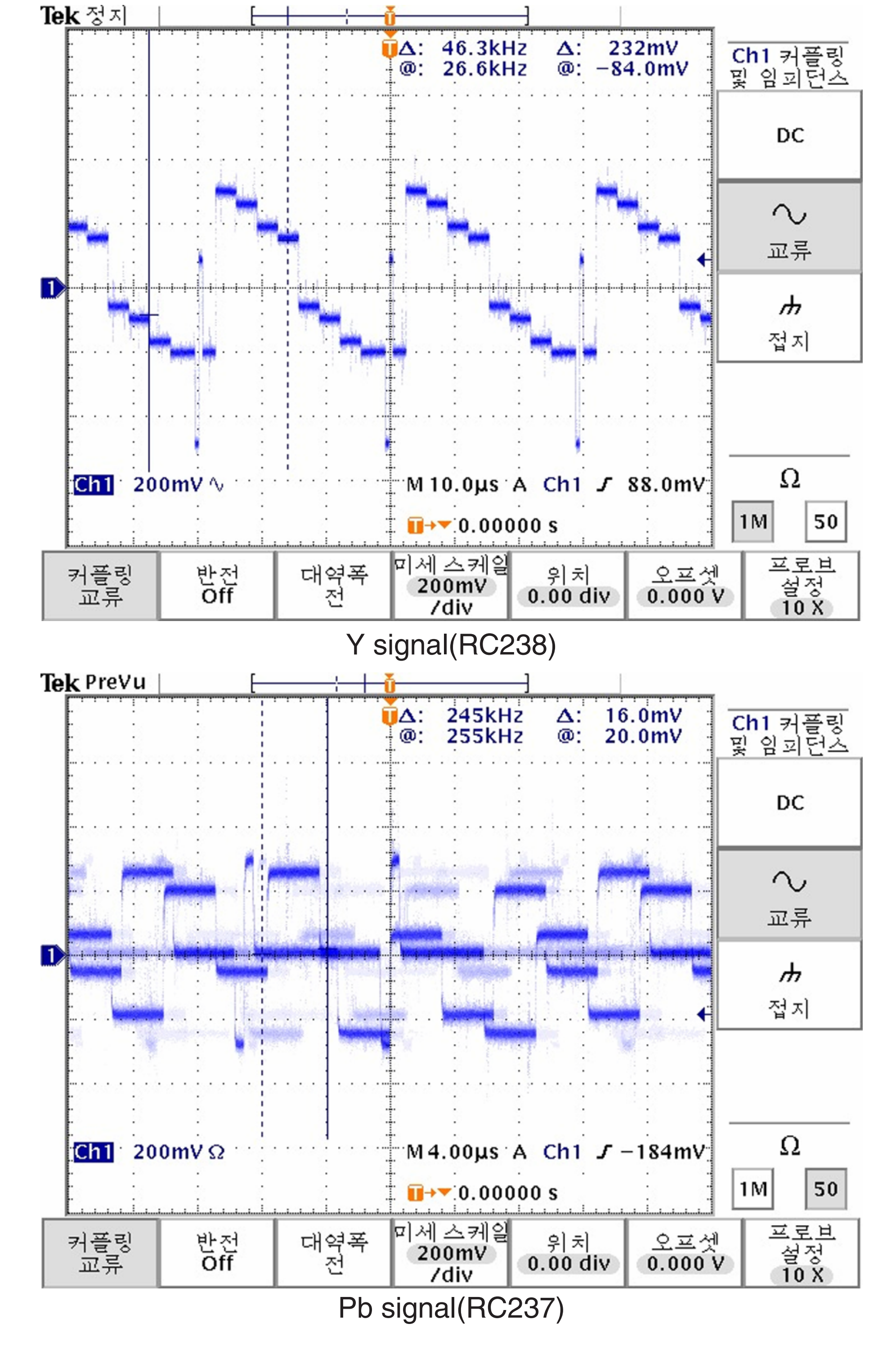


Y signal(CC211)

C signal(RC216)

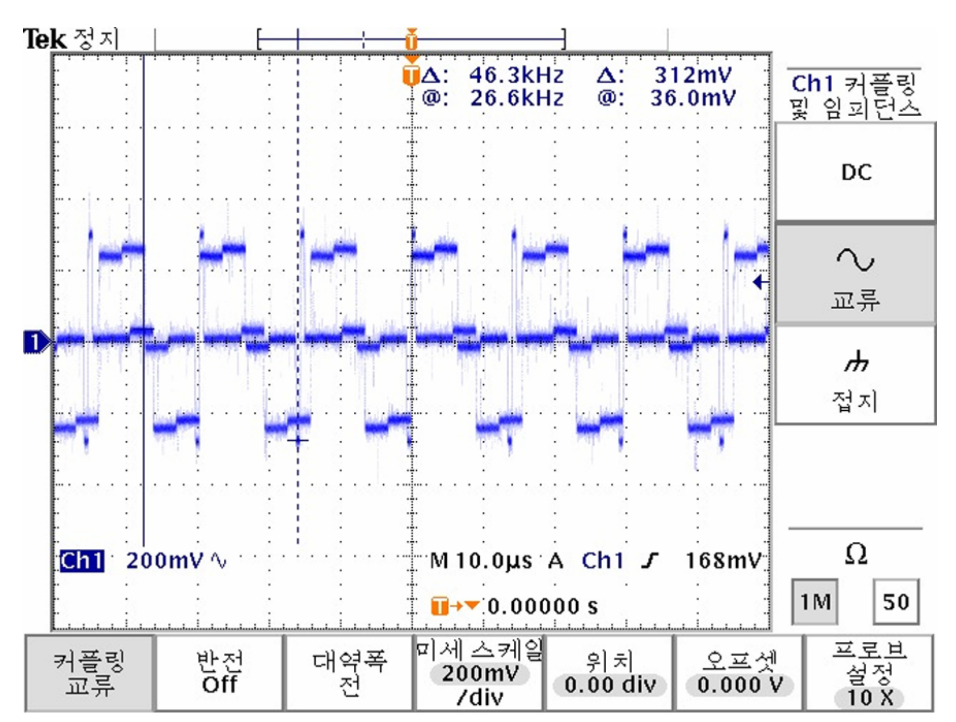
C. When “No signal” in Y/Pb/Pr signal (Component)

1) First check if other inputs are not working
   =>If other inputs are not working, replace MAIN PCB
2) Checking waveforms with Color Bar Pattern(Using the oscilloscope)
   -Main TP(COMP_Y) : RC238 near IC401(TOP)
   -Main TP(COMP_Pb) : RC237 near IC401(TOP)
   -Main TP(COMP_Pr) : RC239 near IC401(TOP)
   => If all signal does not appear, replace MAIN PCB.



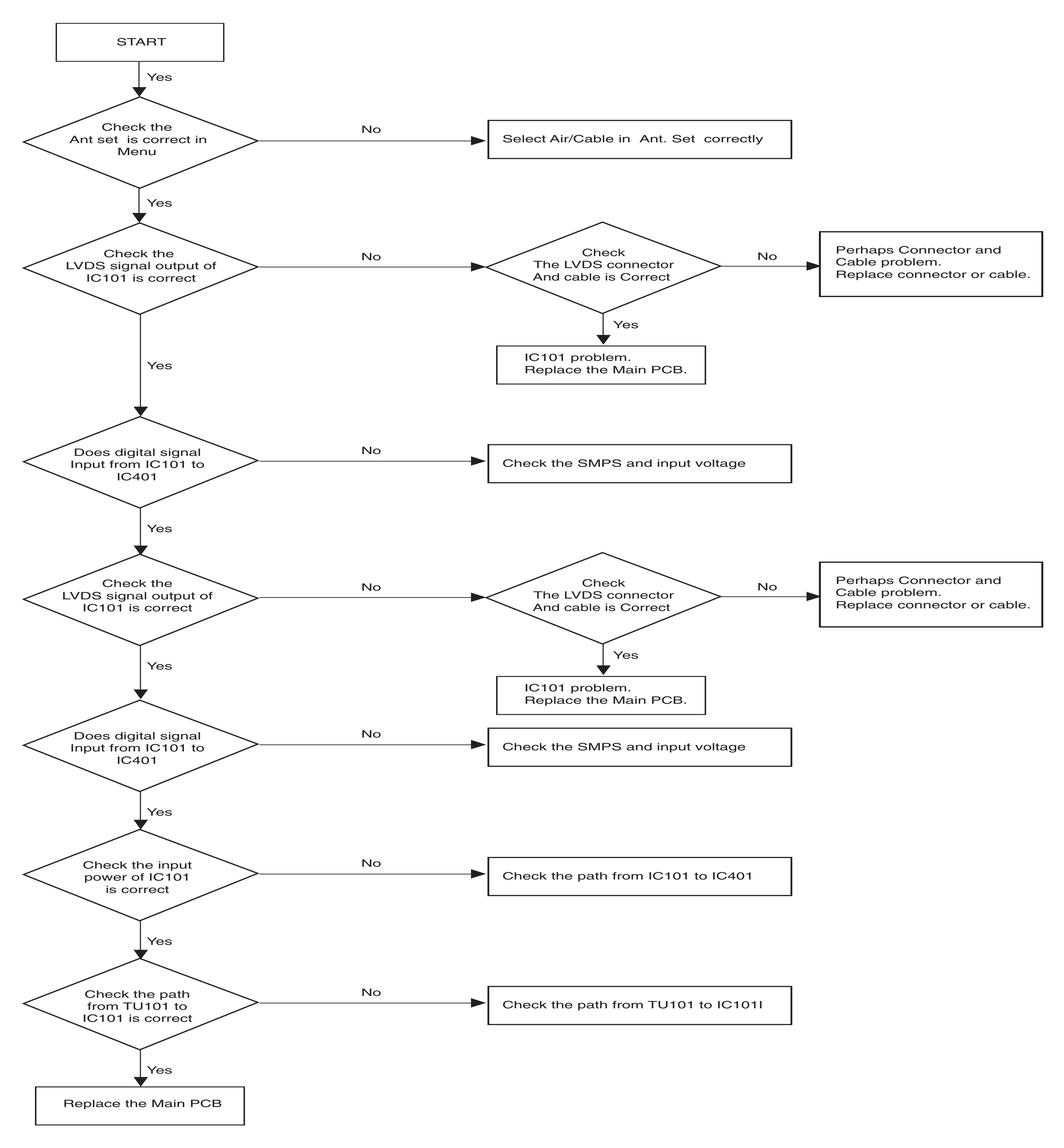
Y signal(RC238)

Pb signal(RC237)



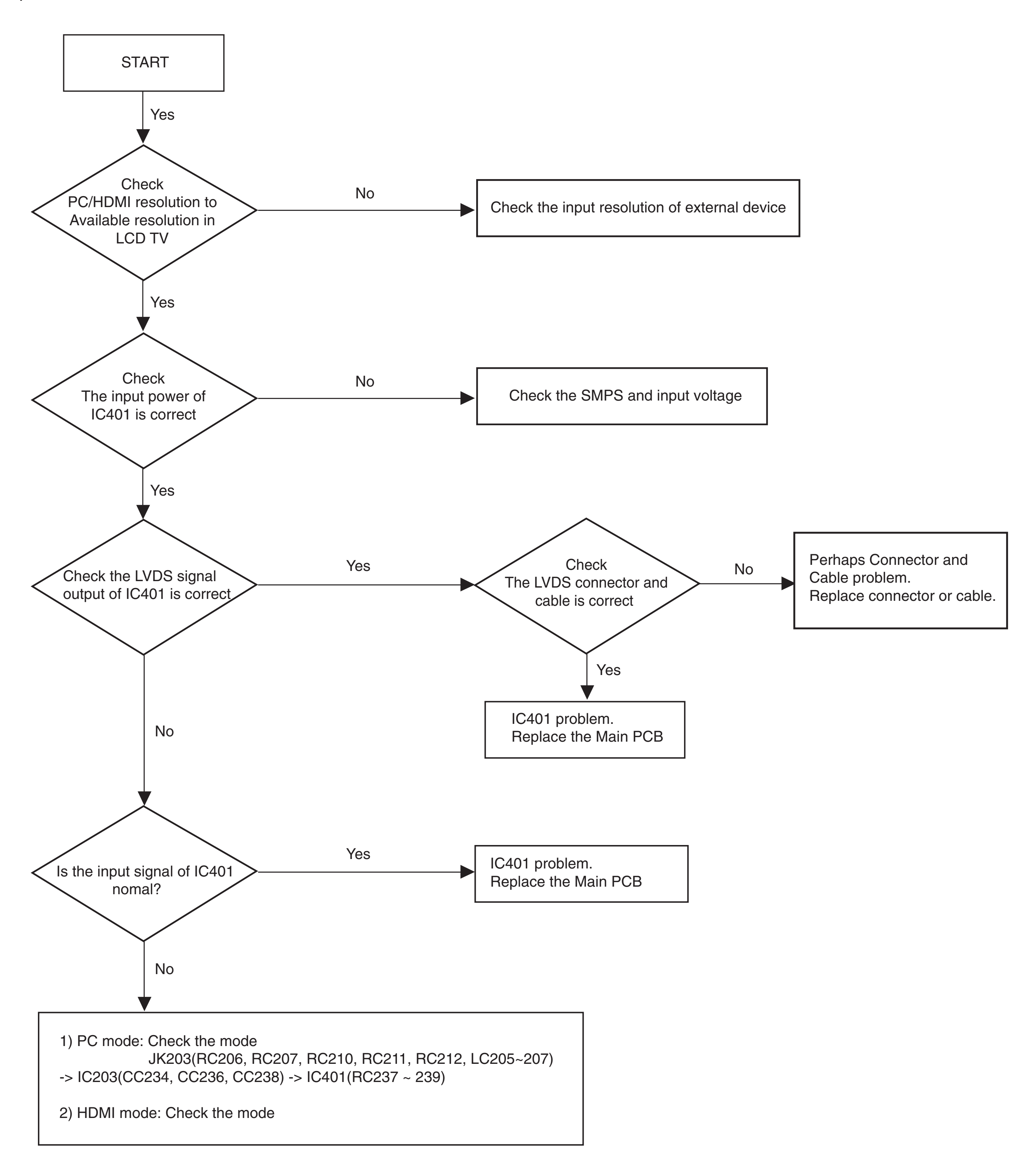
Pr signal(RC239)

3) No Picture-Digital TV mode

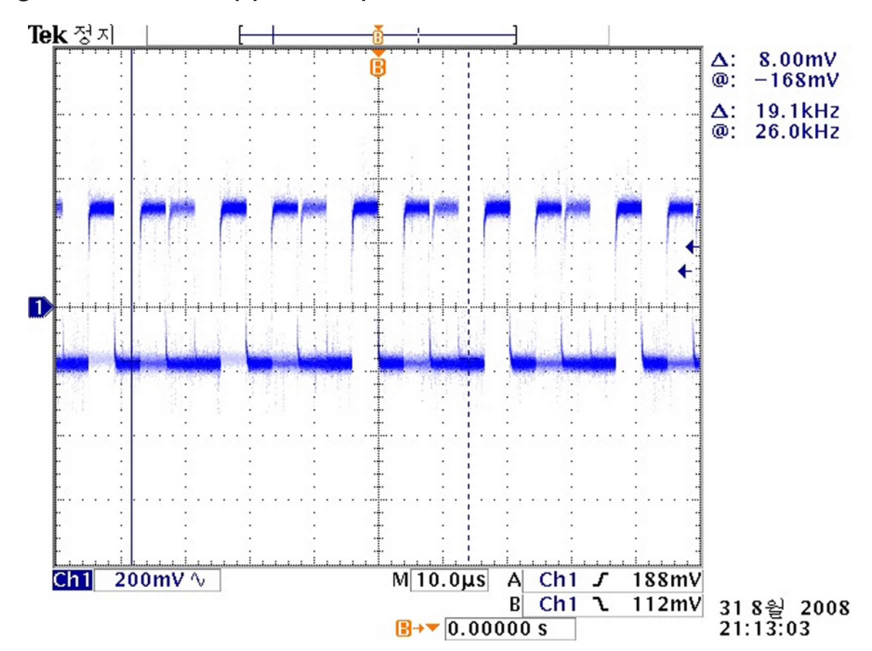


Check the IC path.
Tuner(TU101): LC111, CC156~158, RC104, RC105
STV0374(IC101): RA101~103, RC122
B+: 1V: (Pin10,34,35,42,53,58,68,78,89)
2.5V: (Pin14,18,19,28)
3.3V: (Pin49,67,80)

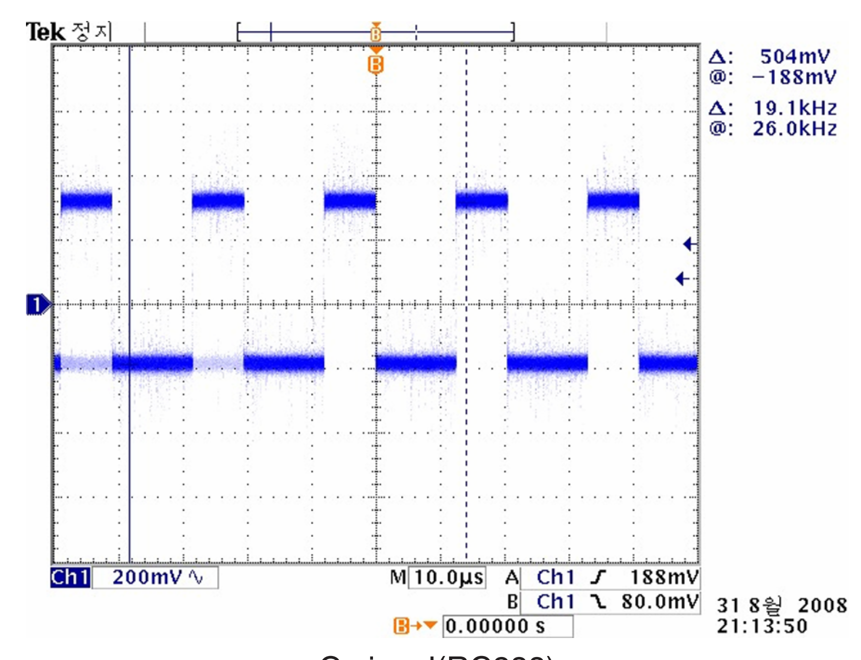
4) No Picture- PC & HDMI mode



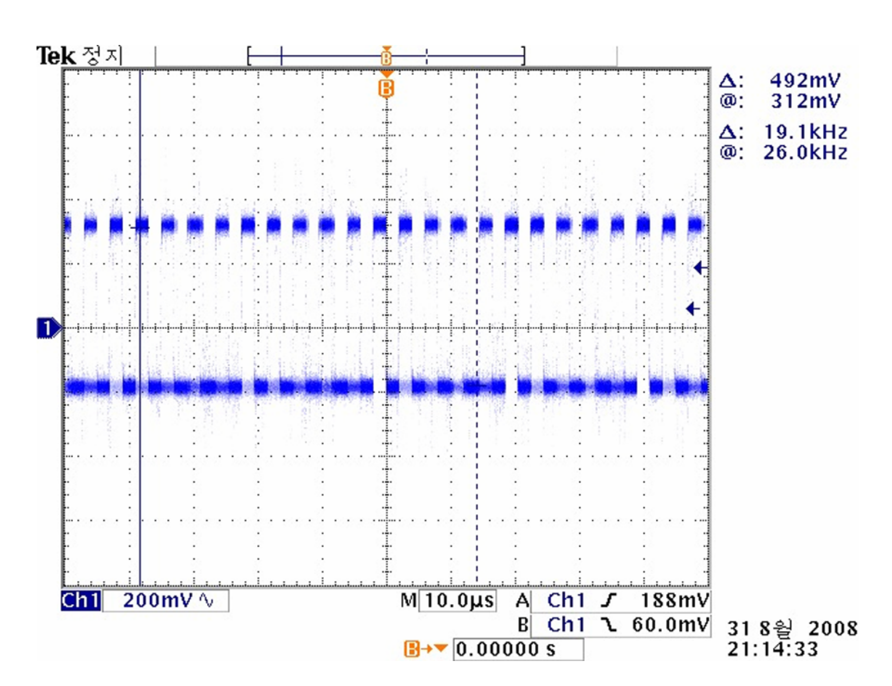
A. When “No signal” in PC
1) First check if other inputs are not working
=>If other inputs are not working, replace MAIN PCB
2) Checking waveforms with Color Bar Pattern(Using the oscilloscope)
-Main TP(R signal) : RC239 near IC401(TOP)
-Main TP(G signal) : RC238 near IC202(TOP)
-Main TP(B signal) : RC237 near IC401(TOP)
-Main TP(H-Sync) : RC207 near JK203(TOP)
-Main TP(V-Sync) : RC206 near JK203(TOP)
=>If all TP signal does not appear, replace MAIN PCB.



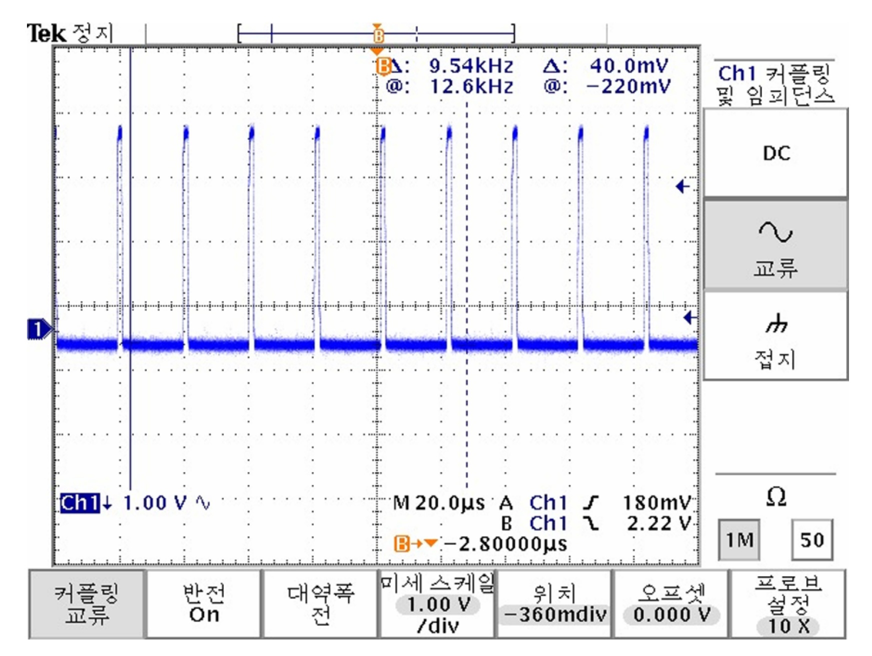
1024 x 768, 60Hz R signal(RC239)



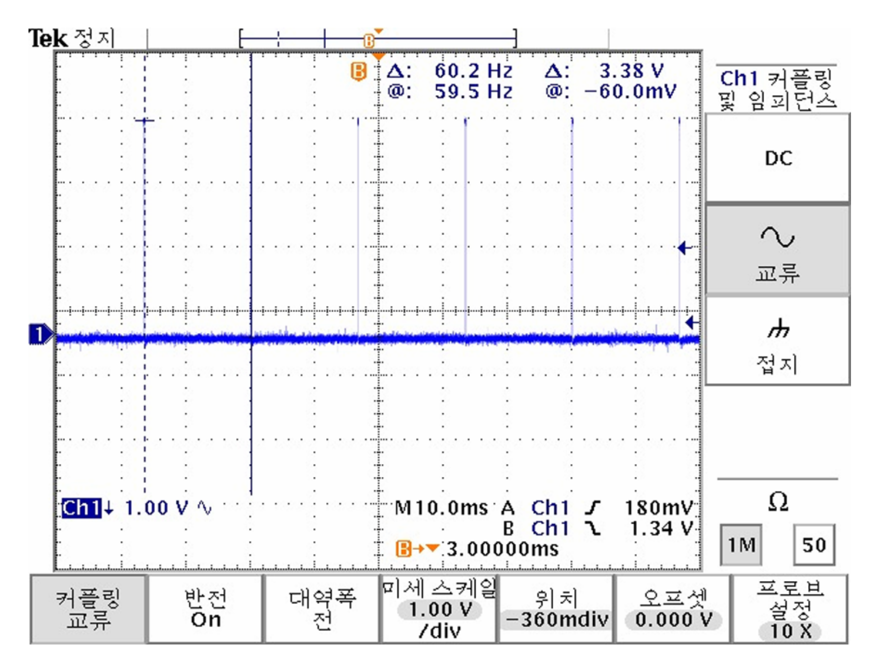
G signal(RC238)



B signal(RC237)



H-Sync(RC207)



V-Sync(RC206)

B. When “No signal” in HDMI

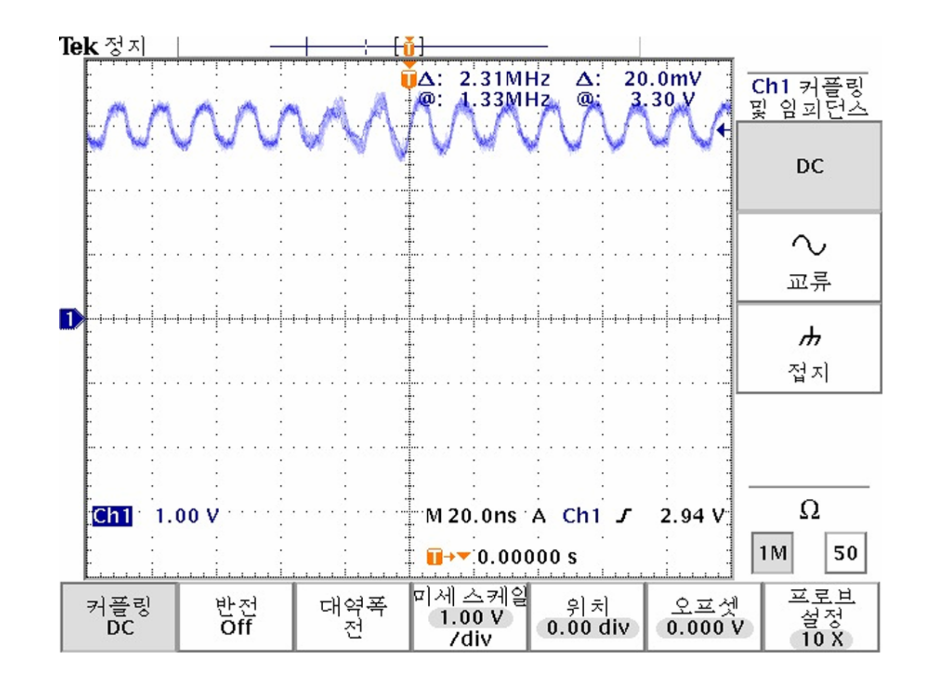
1) First check if other inputs are not working

=>If other inputs are not working, replace MAIN PCB

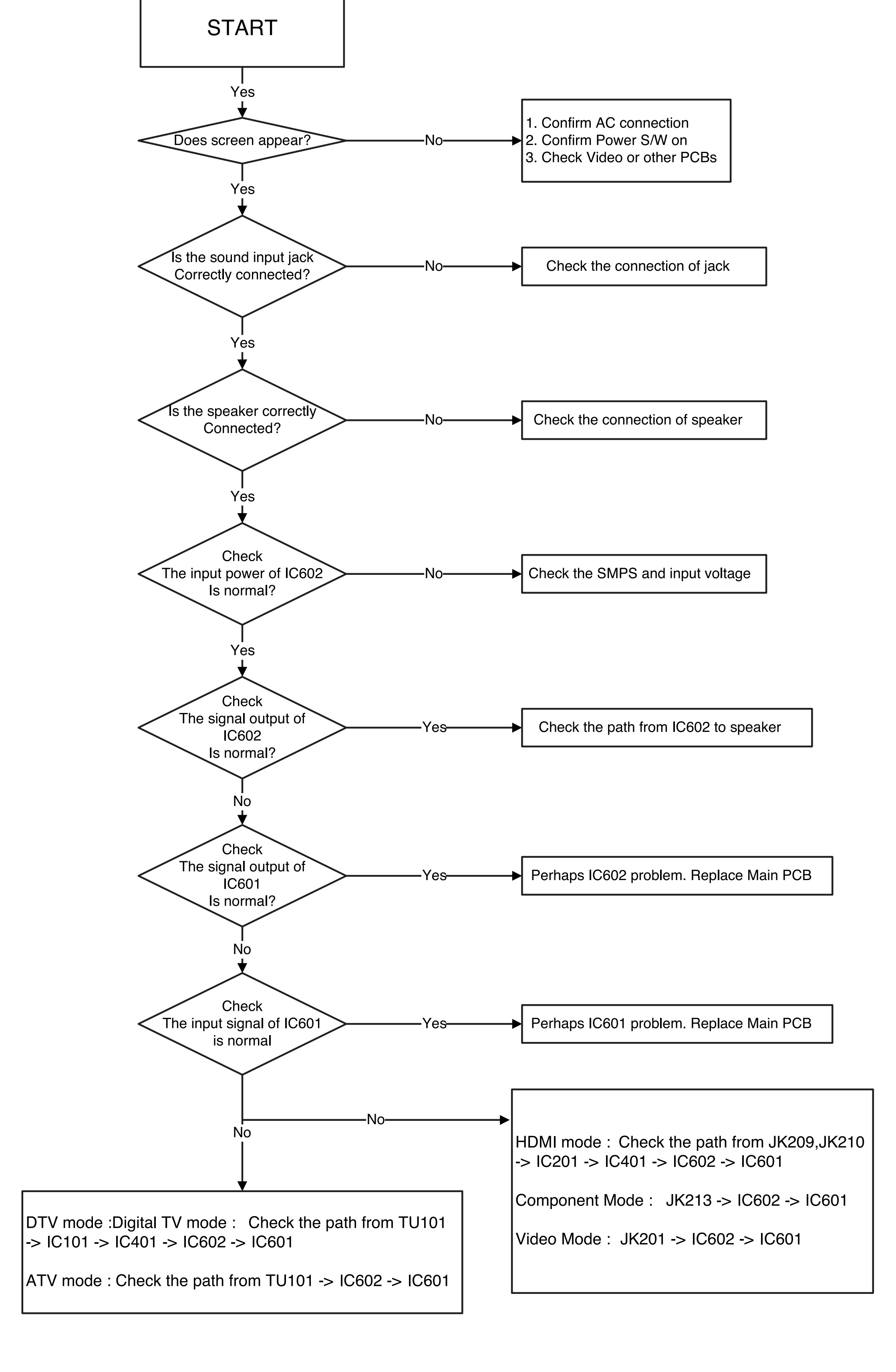
2) Checking waveforms with Color Bar Pattern(Using the oscilloscope)

-Main TP(HDMI1_Clock) : PIN35 near IC201(TOP)

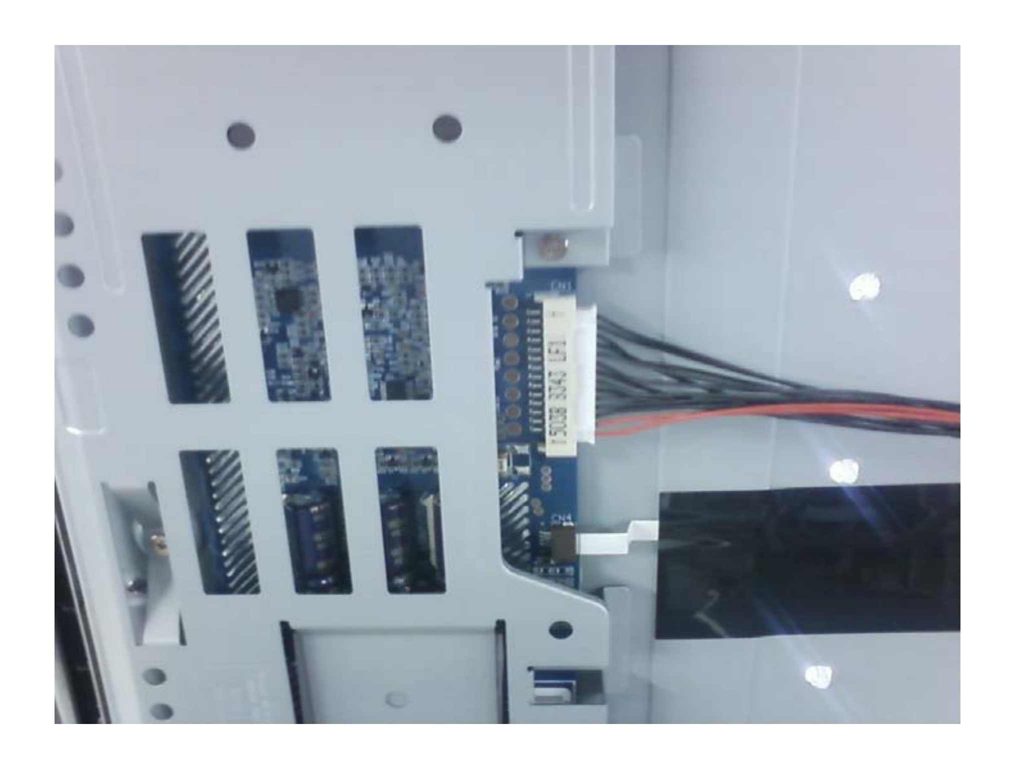
=>If all TP signal does not appear, replace MAIN PCB.



5) No Sound

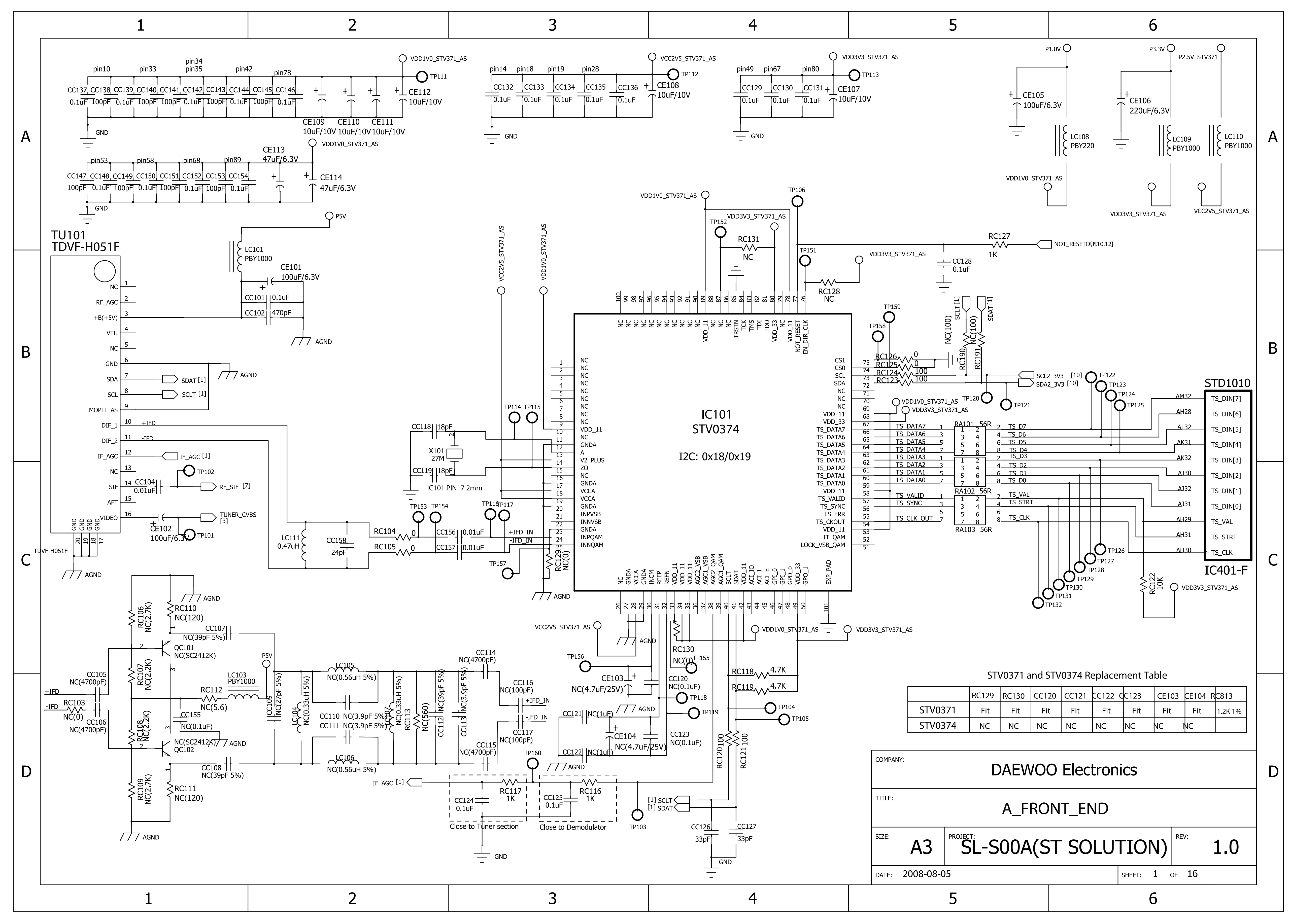

START
Yes
Does screen appear?
No
1. Confirm AC connection
2. Confirm Power S/W on
3. Check Video or other PCBs
Yes
Is the sound input jack
Correctly connected?
No
Check the connection of jack
Yes
Is the speaker correctly
Connected?
No
Check the connection of speaker
Yes
Check
The input power of IC602
Is normal?
No
Check the SMPS and input voltage
Yes
Check
The signal output of
IC602
Is normal?
Yes
Check the path from IC602 to speaker
No
Check
The signal output of
IC601
Is normal?
Yes
Perhaps IC602 problem. Replace Main PCB
No
Check
The input signal of IC601
is normal
Yes
Perhaps IC601 problem. Replace Main PCB
No
No
HDMI mode : Check the path from JK209,JK210
-> IC201 -> IC401 -> IC602 -> IC601
Component Mode : JK213 -> IC602 -> IC601
Video Mode : JK201 -> IC602 -> IC601
DTV mode :Digital TV mode : Check the path from TU101
-> IC101 -> IC401 -> IC602 -> IC601
ATV mode : Check the path from TU101 -> IC602 -> IC601

6) LCD PANEL BACKLIGHT INVERTER CHECK



* Pin 14 is Status Output of Backlight Inverter.

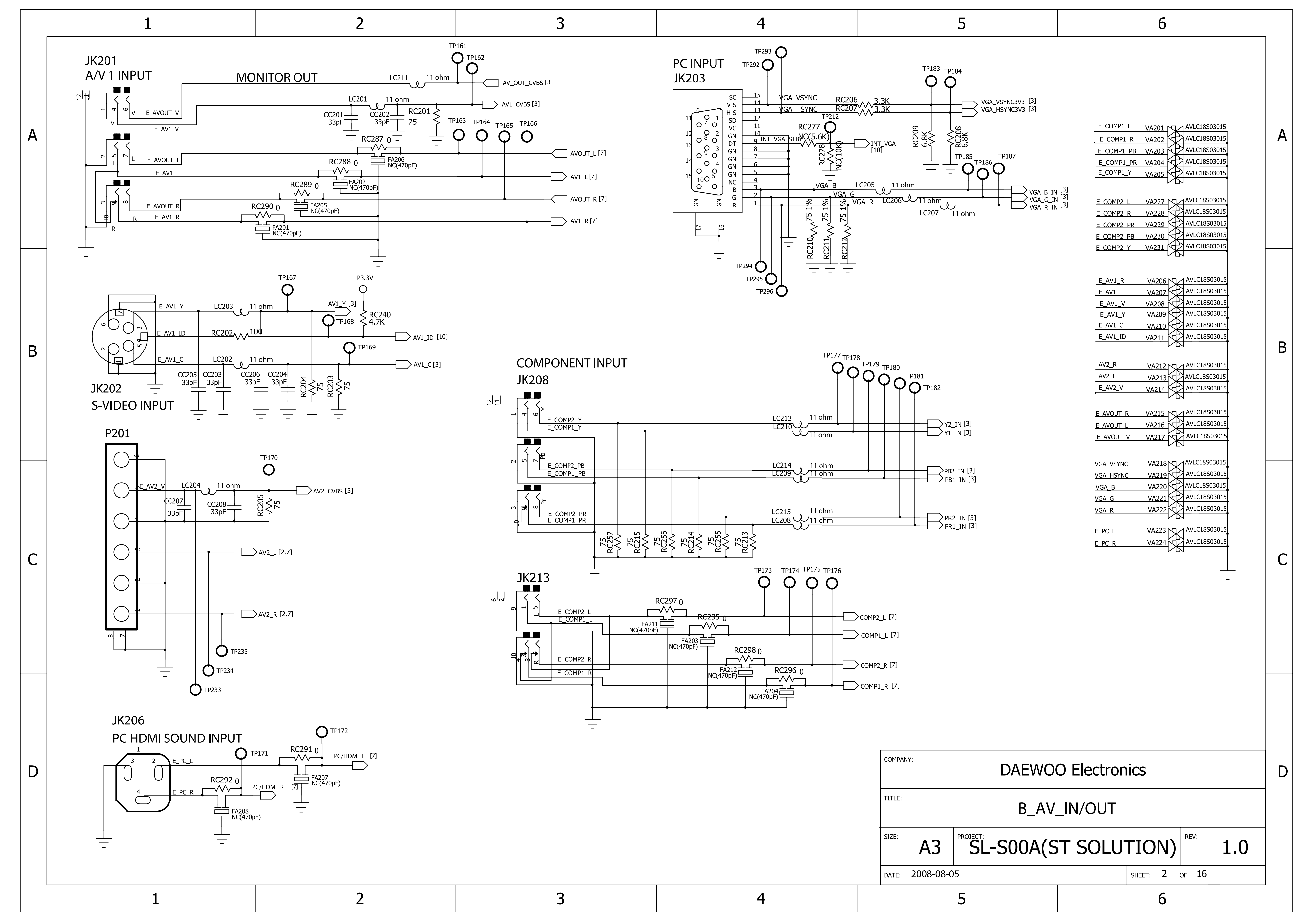
Status	Output of Pin 14
Normal	3.0V to 5.0V
Abnormal	0V to 0.7V

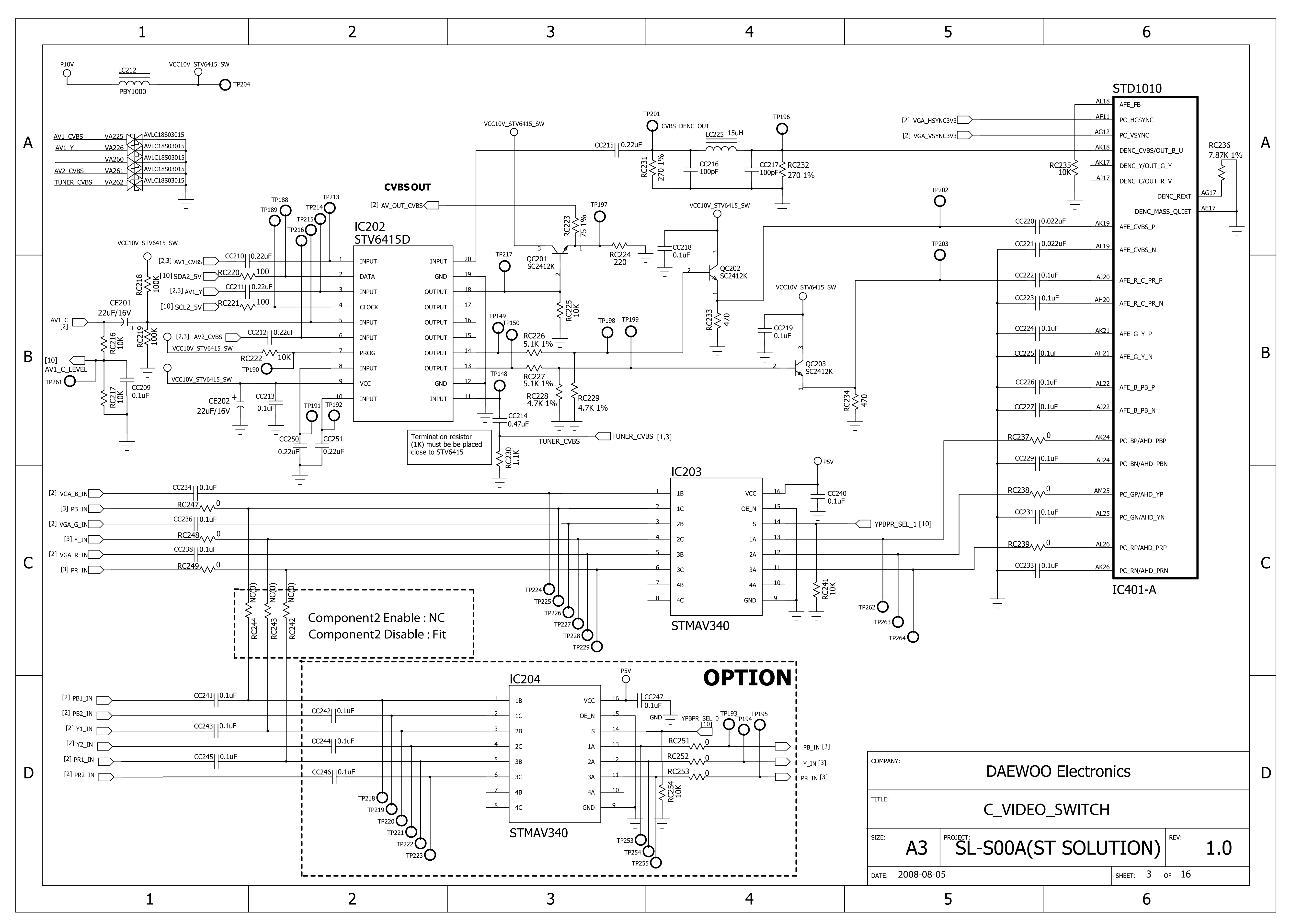


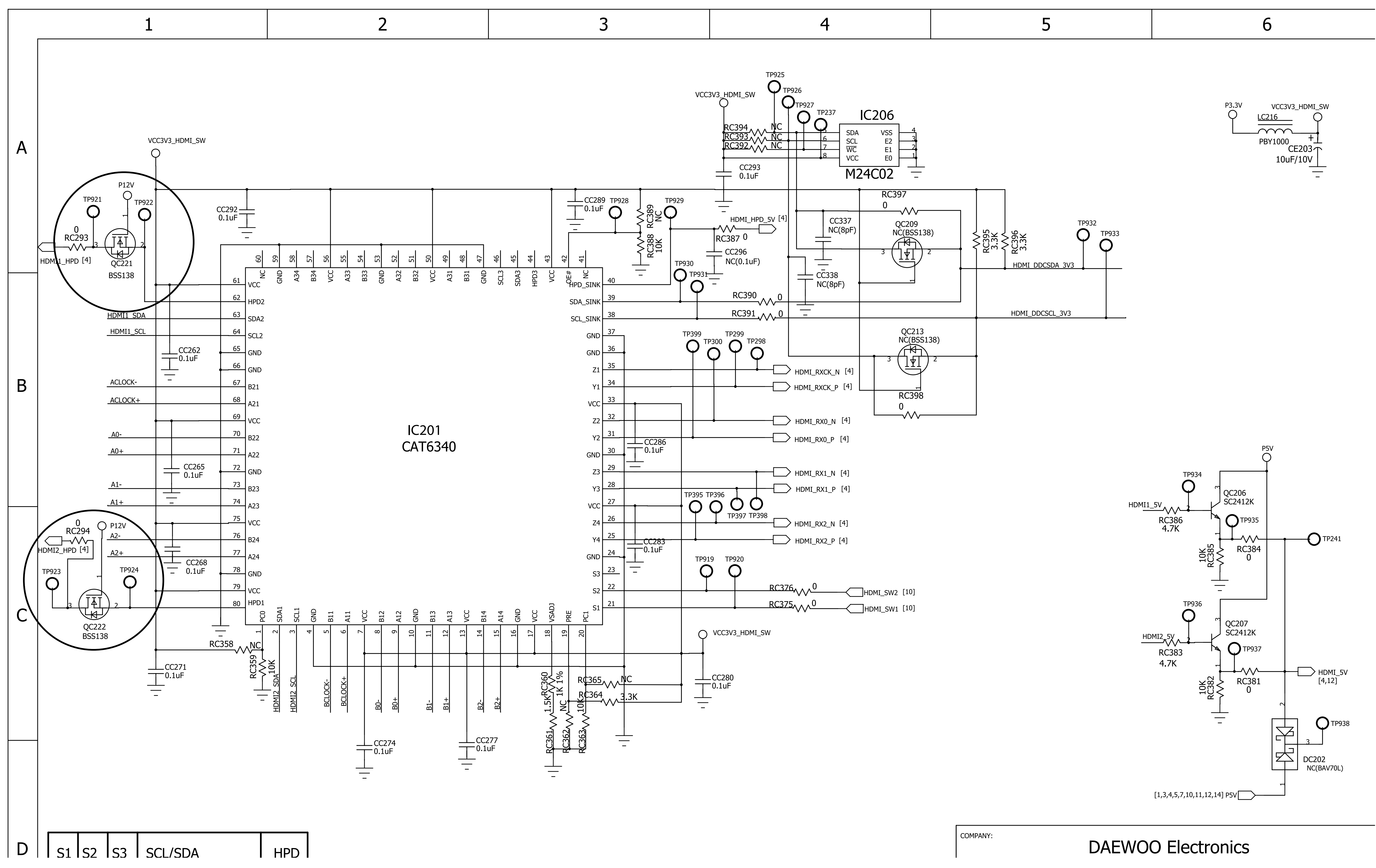
STV0371 and STV0374 Replacement Table

	RC129	RC130	CC120	CC121	CC122	CC123	CE103	CE104	RC813
STV0371	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	1.2K 1%
STV0374	NC	NC	NC	NC	NC	NC	NC	NC	

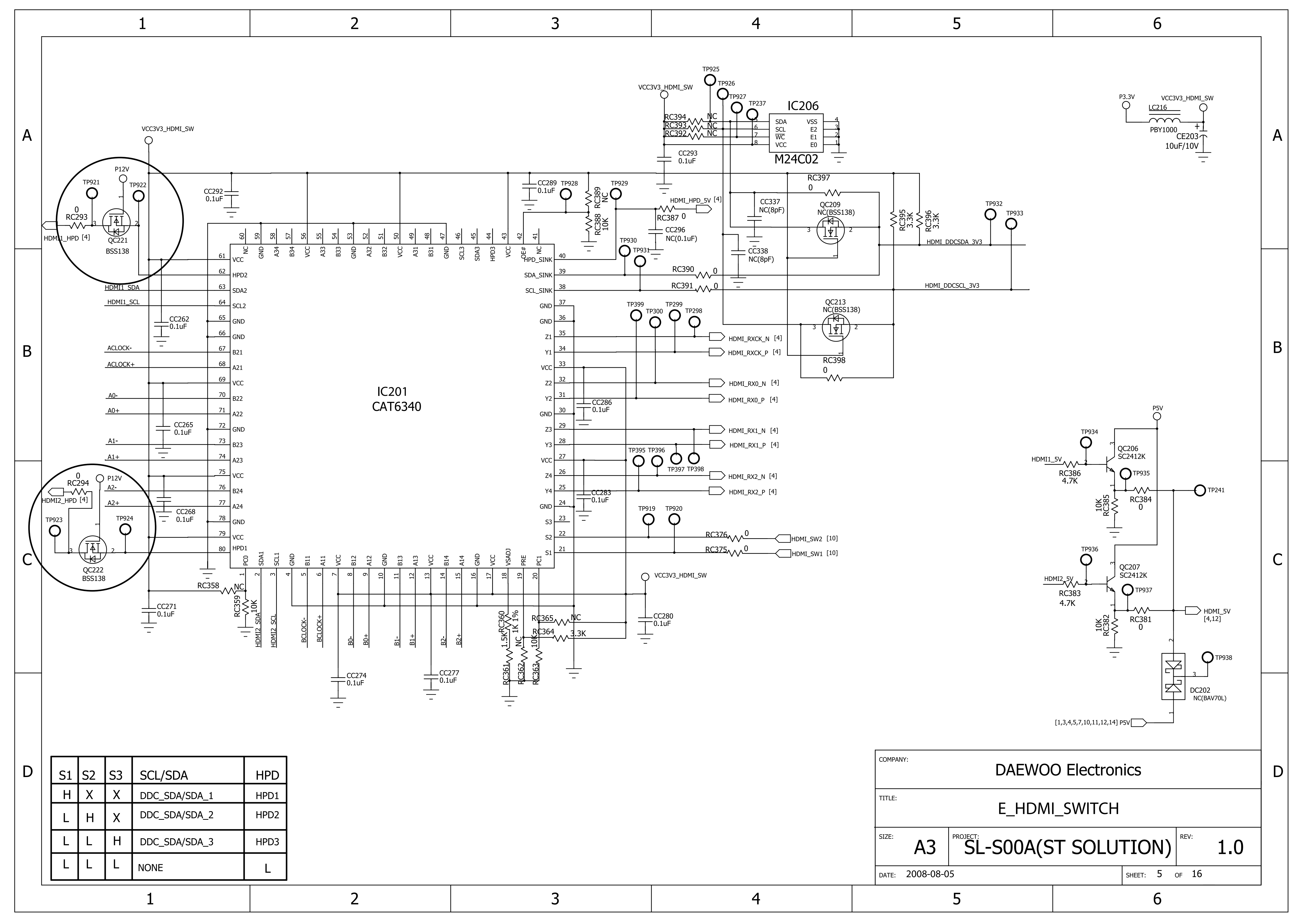
COMPANY:	DAEWOO Electronics
TITLE:	A_FRONT_END
SIZE: A3	PROJECT: SL-S00A(ST SOLUTION) REV: 1.0
DATE: 2008-08-05	SHEET: 1 OF 16


JK201
A/V 1 INPUT
MONITOR OUT
PC INPUT
JK203
JK202
S-VIDEO INPUT
P201
COMPONENT INPUT
JK208
JK213
JK206
PC HDMI SOUND INPUT
COMPANY:
DAEWOO Electronics
TITLE:
B_AV_IN/OUT
SIZE:
A3
PROJECT:
SL-S00A(ST SOLUTION)
REV:
1.0
DATE: 2008-08-05
SHEET: 2 OF 16

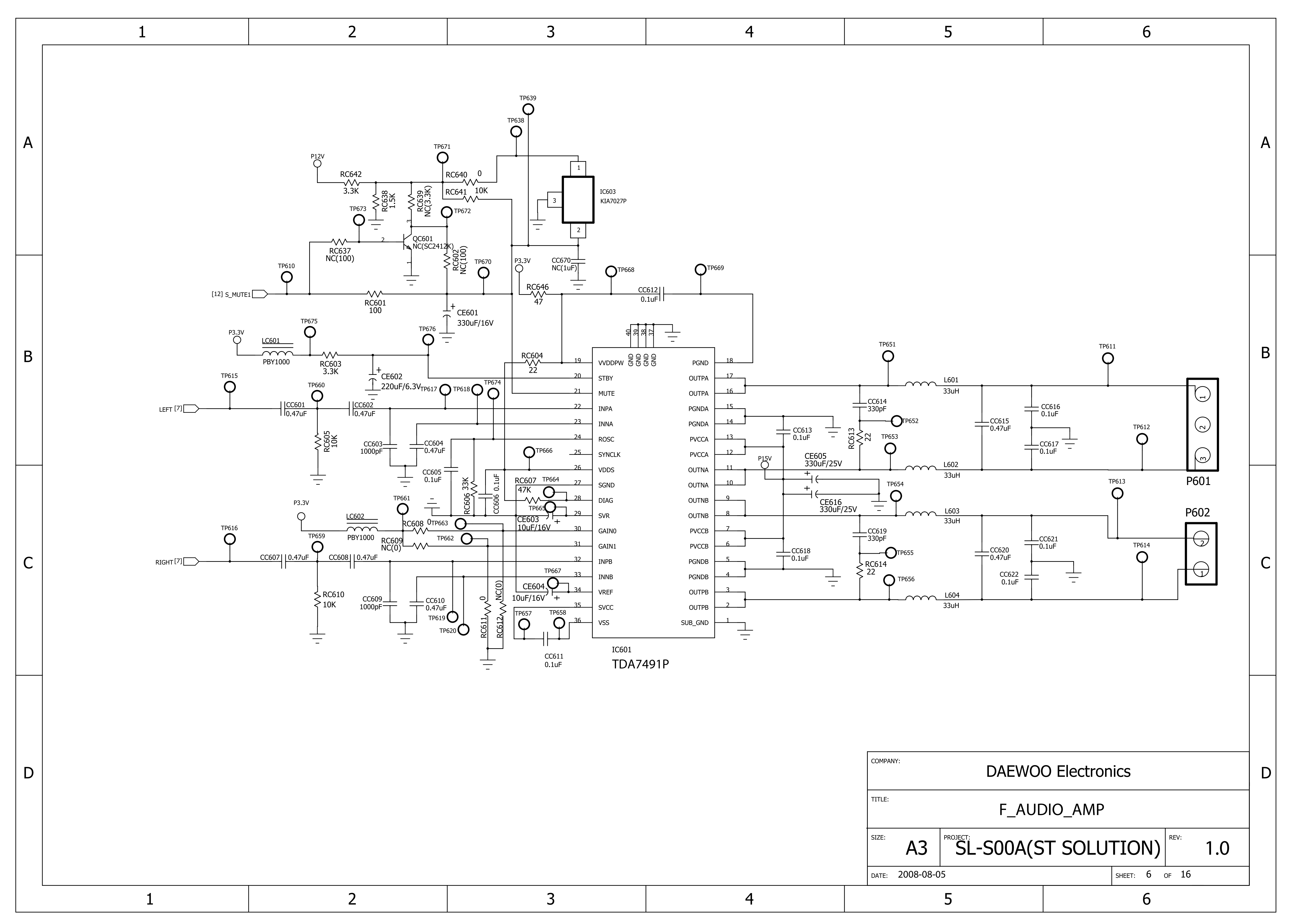

STD1010
IC202
STV6415D
CVBS OUT
IC203
STMAV340
IC204
STMAV340
OPTION
IC401-A
Termination resistor (1K) must be be placed close to STV6415
Component2 Enable : NC
Component2 Disable : Fit
COMPANY: DAEWOO Electronics
TITLE: C_VIDEO_SWITCH
SIZE: A3
PROJECT: SL-S00A(ST SOLUTION)
REV: 1.0
DATE: 2008-08-05
SHEET: 3 OF 16

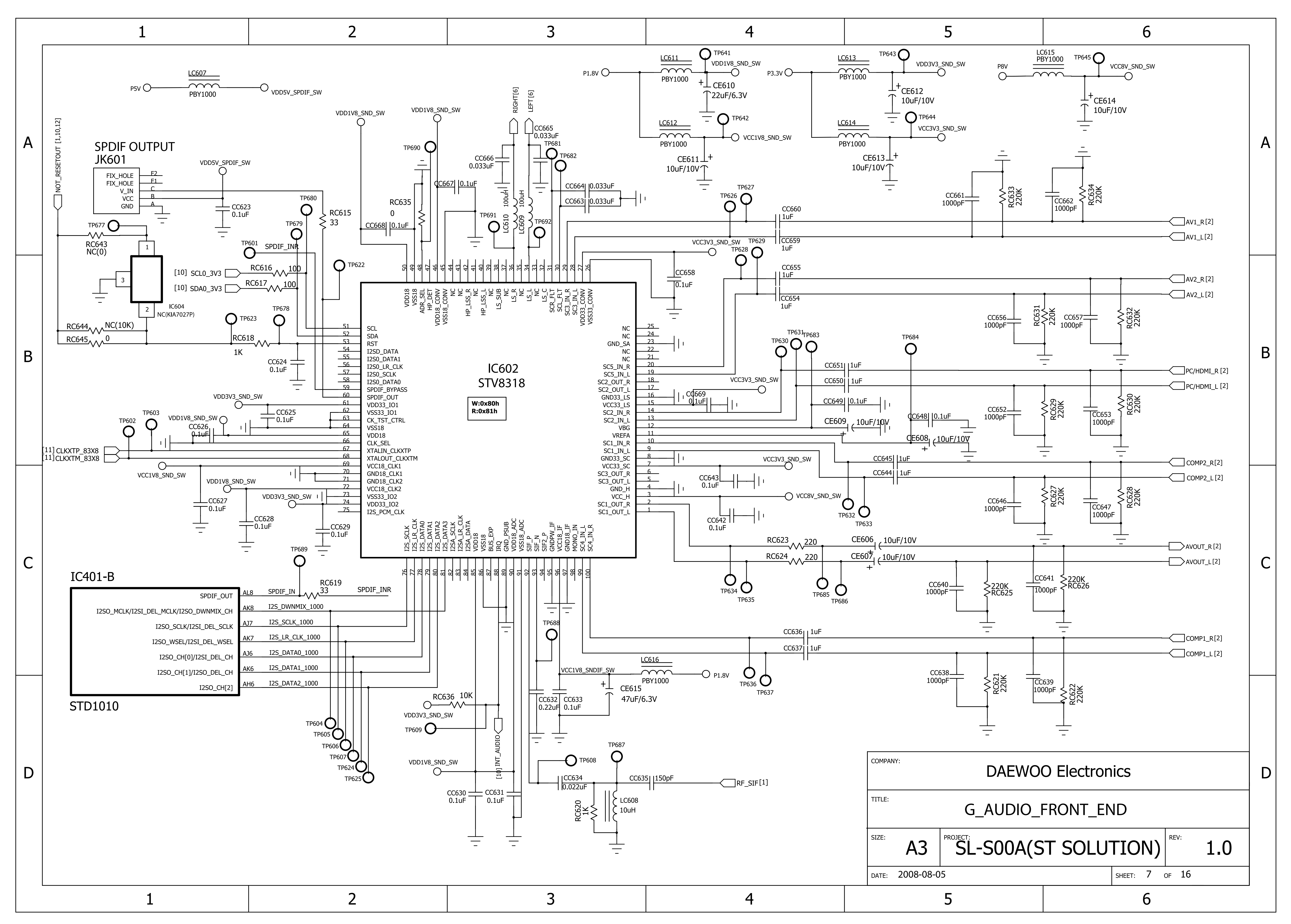


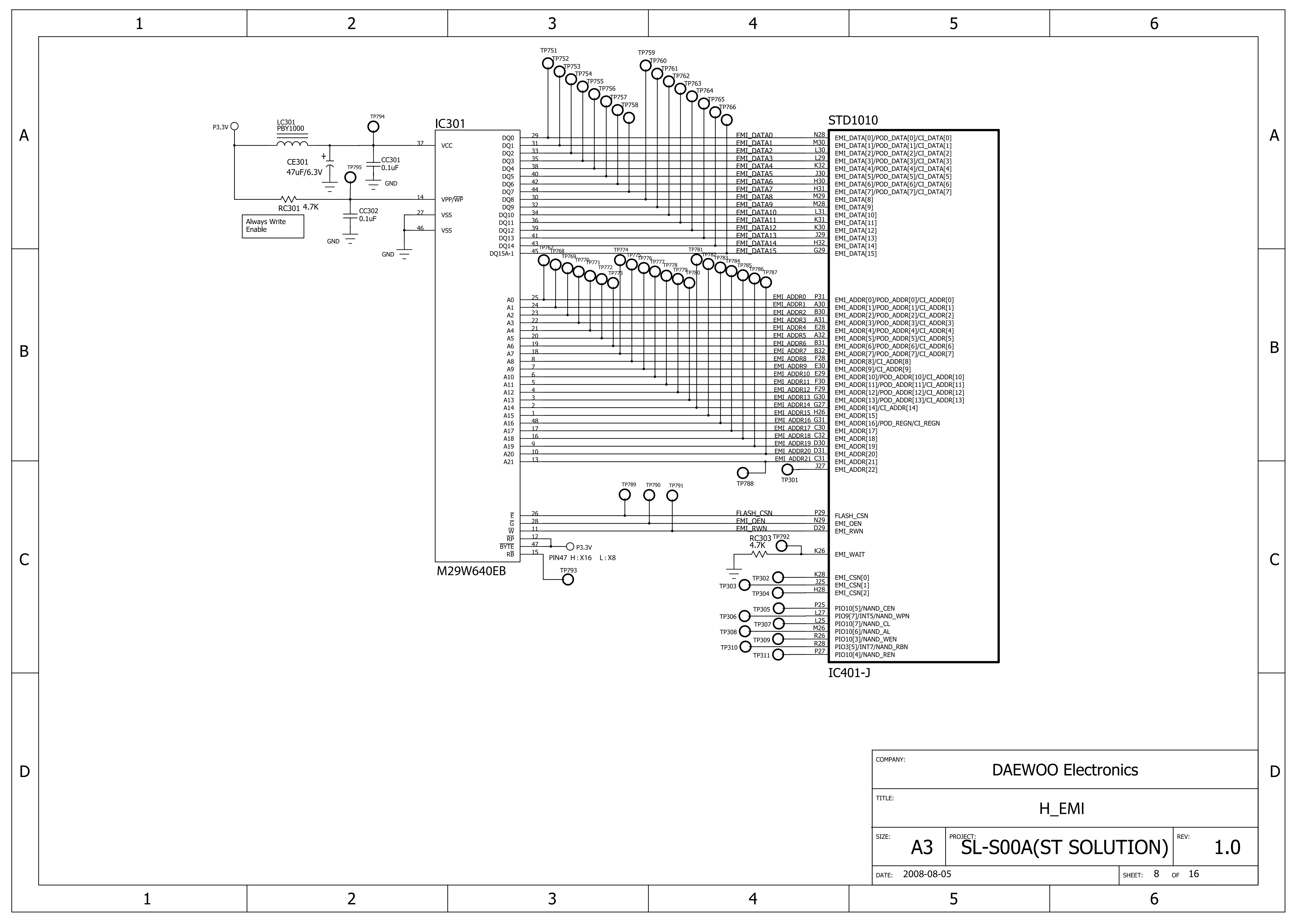
1
2
3
4
5
6
A
B
C
D
IC201
CAT6340
IC206
M24C02
QC221
BSS138
QC222
BSS138
QC209
NC(BSS138)
QC213
NC(BSS138)
QC206
SC2412K
QC207
SC2412K
DC202
NC(BAV70L)
VCC3V3_HDMI_SW
P12V
P3.3V
P5V
HDMI1_HPD [4]
HDMI2_HPD [4]
HDMI_HPD_5V [4]
HDMI_DDCSDA_3V3
HDMI_DDCSCL_3V3
HDMI_RXCK_N [4]
HDMI_RXCK_P [4]
HDMI_RX0_N [4]
HDMI_RX0_P [4]
HDMI_RX1_N [4]
HDMI_RX1_P [4]
HDMI_RX2_N [4]
HDMI_RX2_P [4]
HDMI_SW2 [10]
HDMI_SW1 [10]
HDMI_5V [4,12]
[1,3,4,5,7,10,11,12,14] P5V
S1
S2
S3
SCL/SDA
HPD
COMPANY:
DAEWOO Electronics

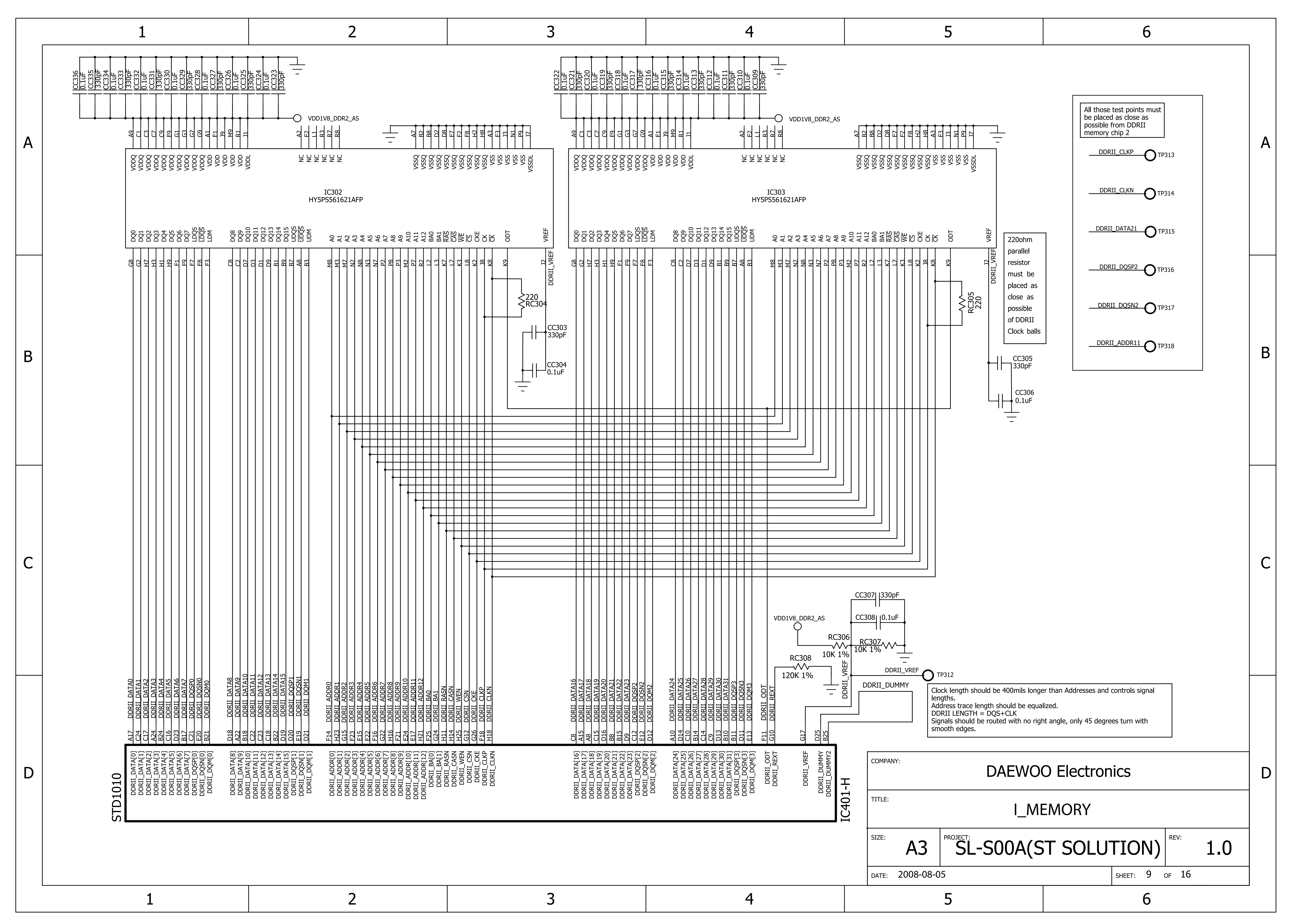


S1	S2	S3	SCL/SDA	HPD
H	X	X	DDC_SDA/SDA_1	HPD1
L	H	X	DDC_SDA/SDA_2	HPD2
L	L	H	DDC_SDA/SDA_3	HPD3
L	L	L	NONE	L

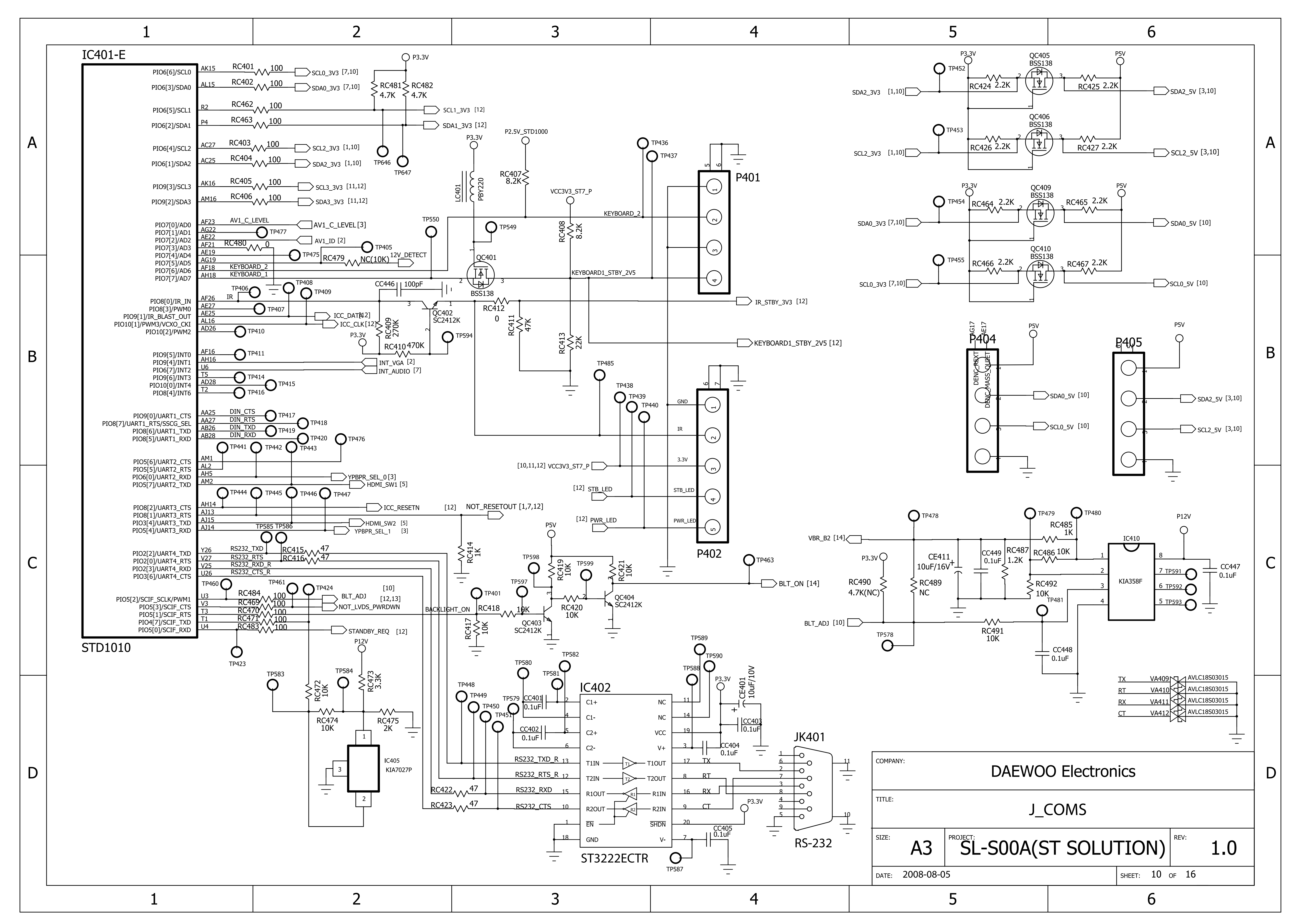

TP639
TP638
TP671
P12V
RC642
3.3K
RC640 0
RC641 10K
RC638
1.5K
RC639
NC(3.3K)
IC603
KIA7027P
TP673
TP672
QC601
NC(SC2412K)
RC637
NC(100)
RC602
NC(100)
TP610
TP670
P3.3V
CC670
NC(1uF)
TP668
TP669
[12] S_MUTE1
RC601
100
RC646
47
CC612
0.1uF
CE601
330uF/16V
P3.3V
TP675
LC601
PBY1000
RC603
3.3K
TP676
RC604
22
CE602
220uF/6.3V
TP615
TP660
TP617
TP618
TP674
LEFT [7]
CC601
0.47uF
CC602
0.47uF
RC605
10K
CC603
1000pF
CC604
0.47uF
CC605
0.1uF
RC606 33K
CC606 0.1uF
TP666
RC607
47K
TP664
TP665
CE603
10uF/16V
P3.3V
LC602
PBY1000
TP661
RC608
TP663
RC609
NC(0)
TP662
TP616
TP659
RIGHT [7]
CC607
0.47uF
CC608
0.47uF
RC610
10K
CC609
1000pF
CC610
0.47uF
TP619
TP620
RC611
RC612
NC(0)
TP667
CE604
10uF/16V
TP657
TP658
CC611
0.1uF
VVDDPW
STBY
MUTE
INPA
INNA
ROSC
SYNCLK
VDDS
SGND
DIAG
SVR
GAIN0
GAIN1
INPB
INNB
VREF
SVCC
VSS
GND
PGND
OUTPA
PGNDA
PVCCA
OUTNA
OUTNB
PVCCB
PGNDB
OUTPB
SUB_GND
IC601
TDA7491P
TP651
TP611
L601
33uH
CC614
330pF
TP652
TP653
RC613
22
CC613
0.1uF
CC615
0.47uF
CC616
0.1uF
CC617
0.1uF
TP612
P15V
CE605
330uF/25V
L602
33uH
TP654
CE616
330uF/25V
TP613
P601
P602
L603
33uH
CC619
330pF
TP655
RC614
22
TP656
CC618
0.1uF
CC620
0.47uF
CC621
0.1uF
CC622
0.1uF
TP614
L604
33uH
COMPANY:
DAEWOO Electronics
TITLE:
F_AUDIO_AMP
SIZE:
A3
PROJECT:
SL-S00A(ST SOLUTION)
REV:
1.0
DATE: 2008-08-05
SHEET: 6 OF 16

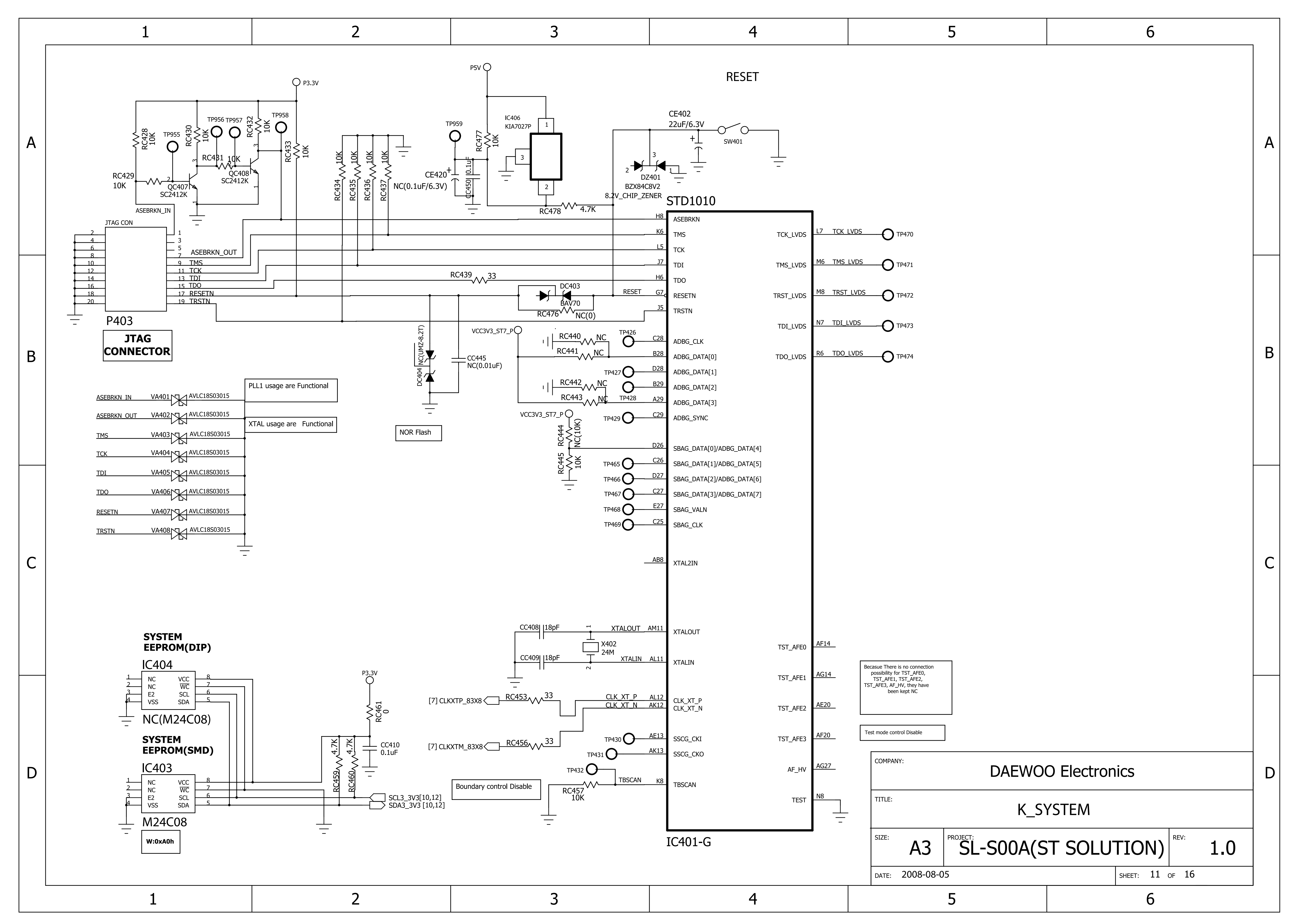

SPDIF OUTPUT
JK601
IC602
STV8318
IC401-B
STD1010
COMPANY: DAEWOO Electronics
TITLE: G_AUDIO_FRONT_END
SIZE: A3
PROJECT: SL-S00A(ST SOLUTION)
REV: 1.0
DATE: 2008-08-05
SHEET: 7 OF 16

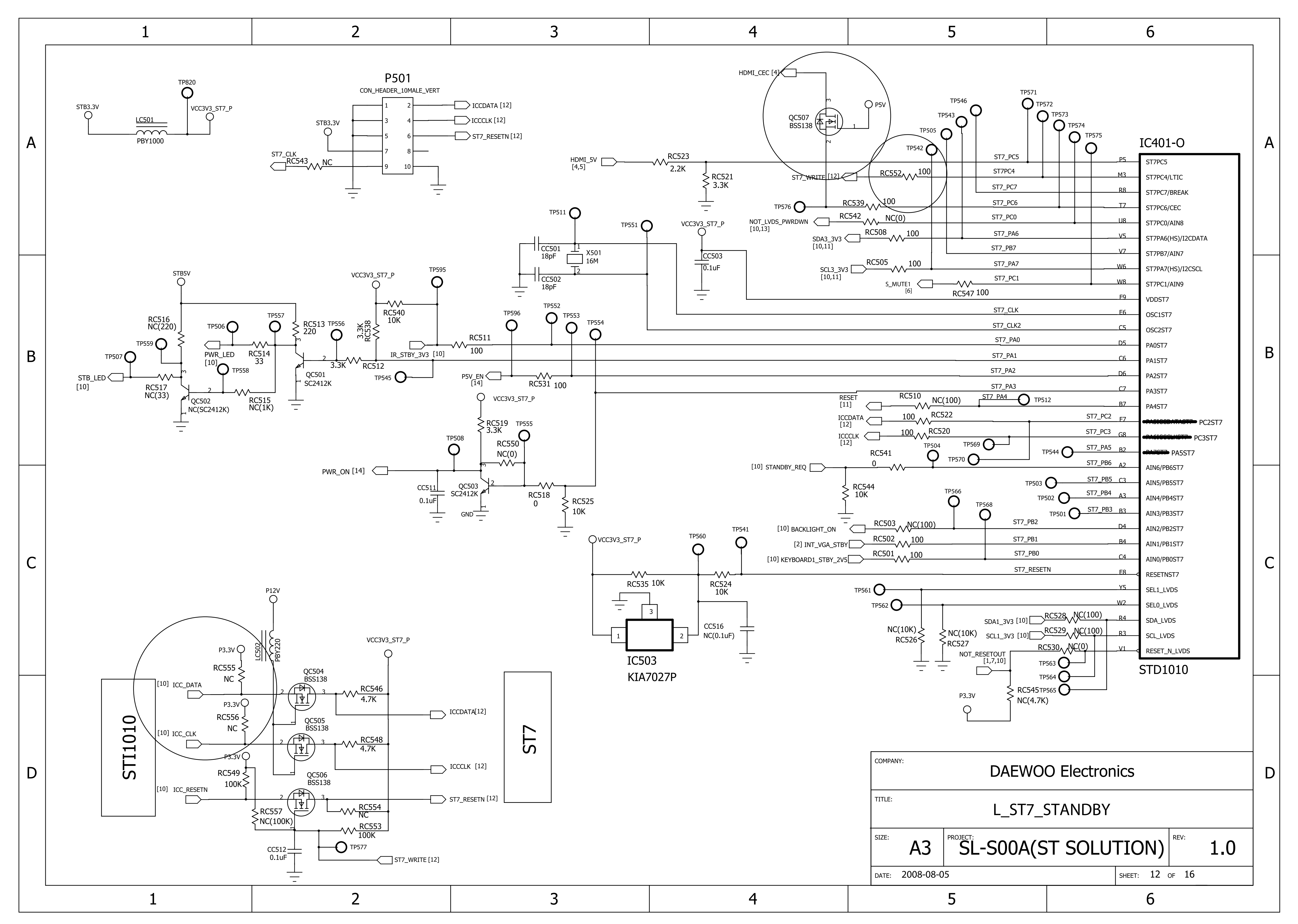

IC301
M29W640EB
STD1010
IC401-J
LC301
PBY1000
CE301
47uF/6.3V
CC301
0.1uF
CC302
0.1uF
RC301 4.7K
Always Write Enable
RC303
4.7K
P3.3V
GND
PIN47 H:X16 L:X8
FLASH_CSN
EMI_OEN
EMI_RWN
EMI_WAIT
EMI_CSN[0]
EMI_CSN[1]
EMI_CSN[2]
PIO10[5]/NAND_CEN
PIO9[7]/INT5/NAND_WPN
PIO10[7]/NAND_CL
PIO10[6]/NAND_AL
PIO10[3]/NAND_WEN
PIO3[5]/INT7/NAND_RBN
PIO10[4]/NAND_REN
COMPANY: DAEWOO Electronics
TITLE: H_EMI
SIZE: A3
PROJECT: SL-S00A(ST SOLUTION)
REV: 1.0
DATE: 2008-08-05
SHEET: 8 OF 16

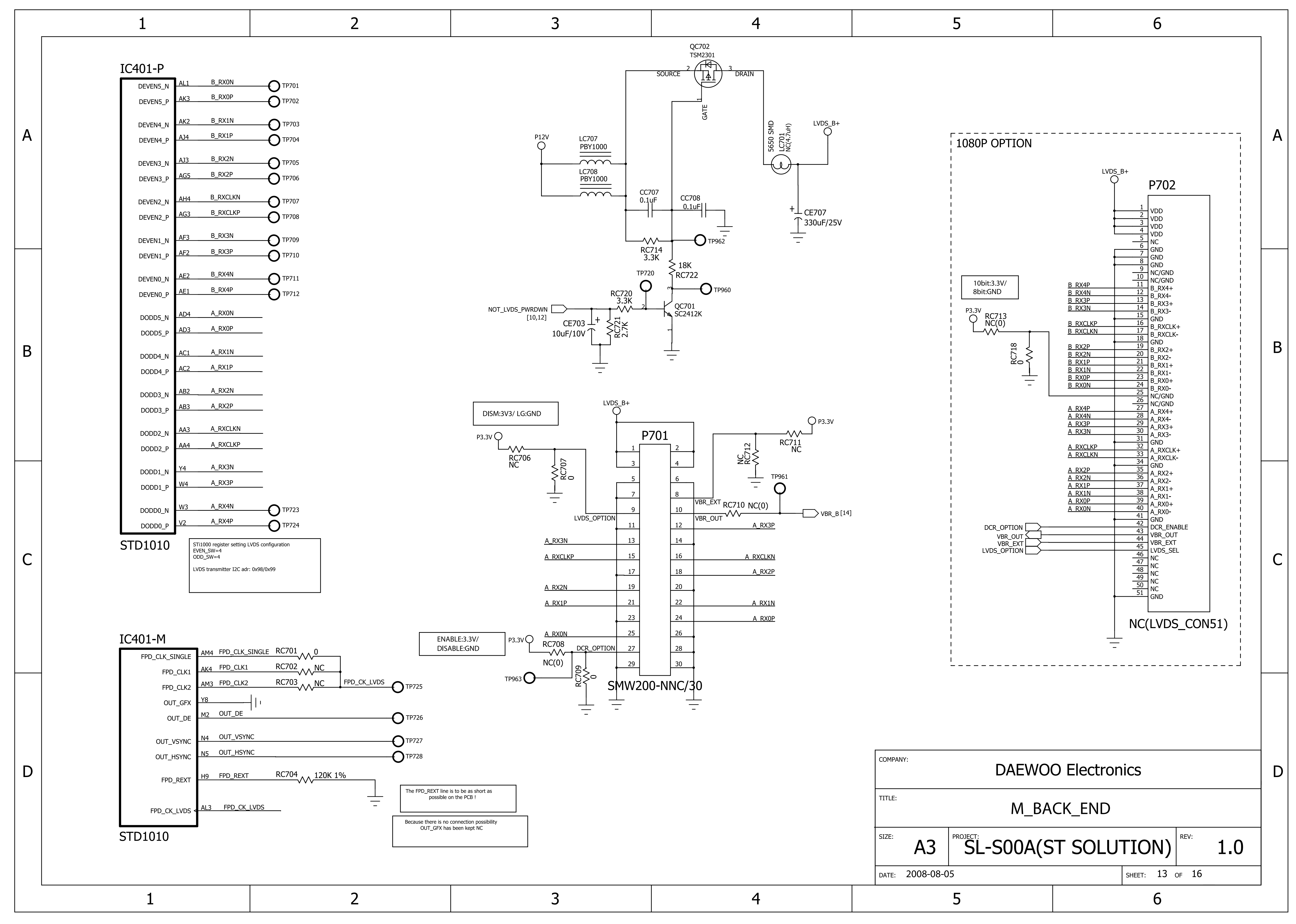


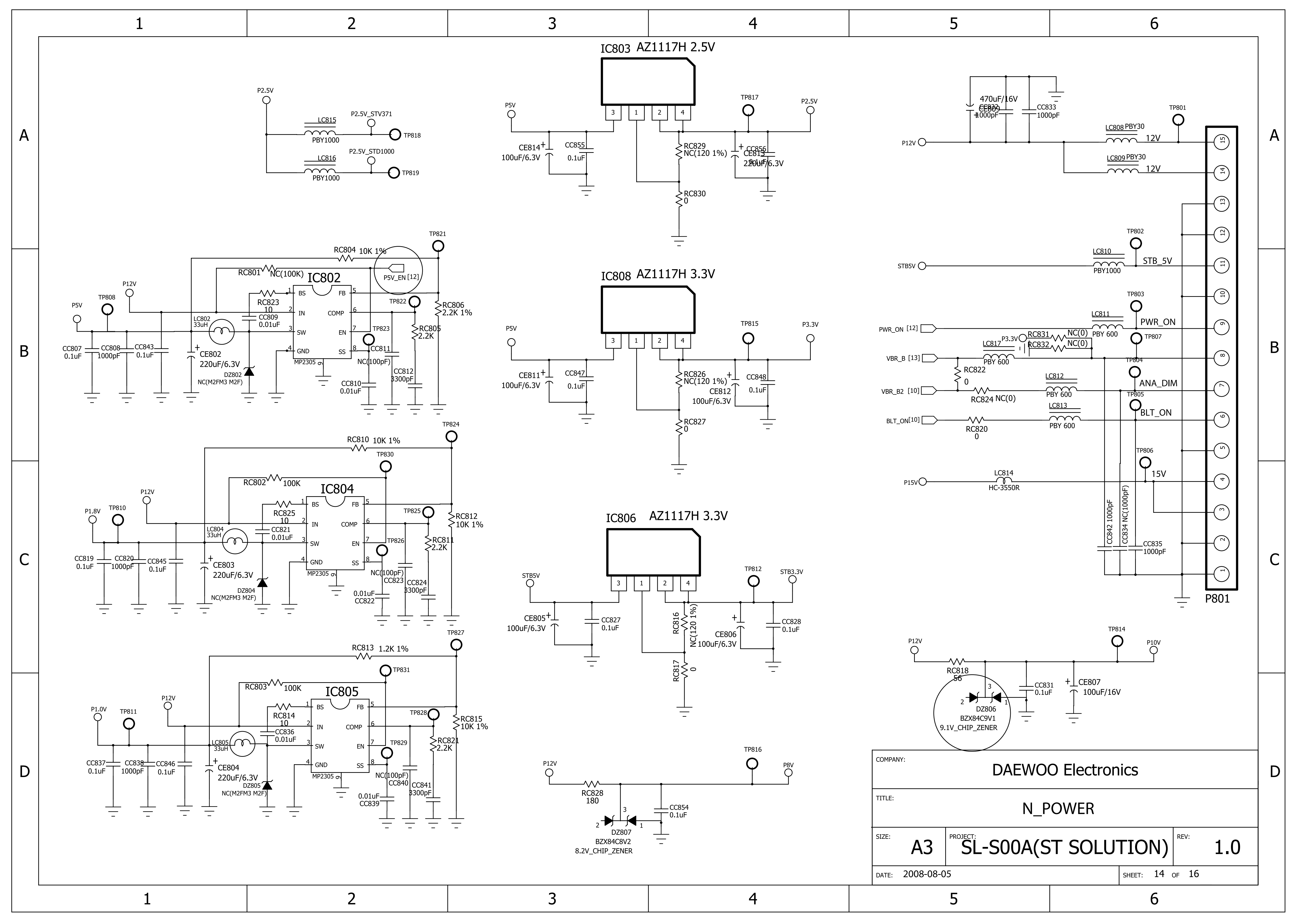
VDD1V8_DDR2_AS
IC302
HY5PS561621AFP
IC303
HY5PS561621AFP
220
RC304
CC303
330pF
CC304
0.1uF
RC305
220
220ohm parallel resistor must be placed as close as possible of DDRII Clock balls
CC305
330pF
CC306
0.1uF
All those test points must be placed as close as possible from DDRII memory chip 2
DDRII_CLKP
TP313
DDRII_CLKN
TP314
DDRII_DATA21
TP315
DDRII_DQSP2
TP316
DDRII_DQSN2
TP317
DDRII_ADDR11
TP318
CC307
330pF
CC308
0.1uF
RC306
10K 1%
RC307
10K 1%
RC308
120K 1%
DDRII_VREF
TP312
DDRII_DUMMY
Clock length should be 400mils longer than Addresses and controls signal lengths.
Address trace length should be equalized.
DDRII LENGTH = DQS+CLK
Signals should be routed with no right angle, only 45 degrees turn with smooth edges.
STD1010
IC401-H
COMPANY:
DAEWOO Electronics
TITLE:
I_MEMORY
SIZE:
A3
PROJECT:
SL-S00A(ST SOLUTION)
REV:
1.0
DATE:
2008-08-05
SHEET: 9 OF 16

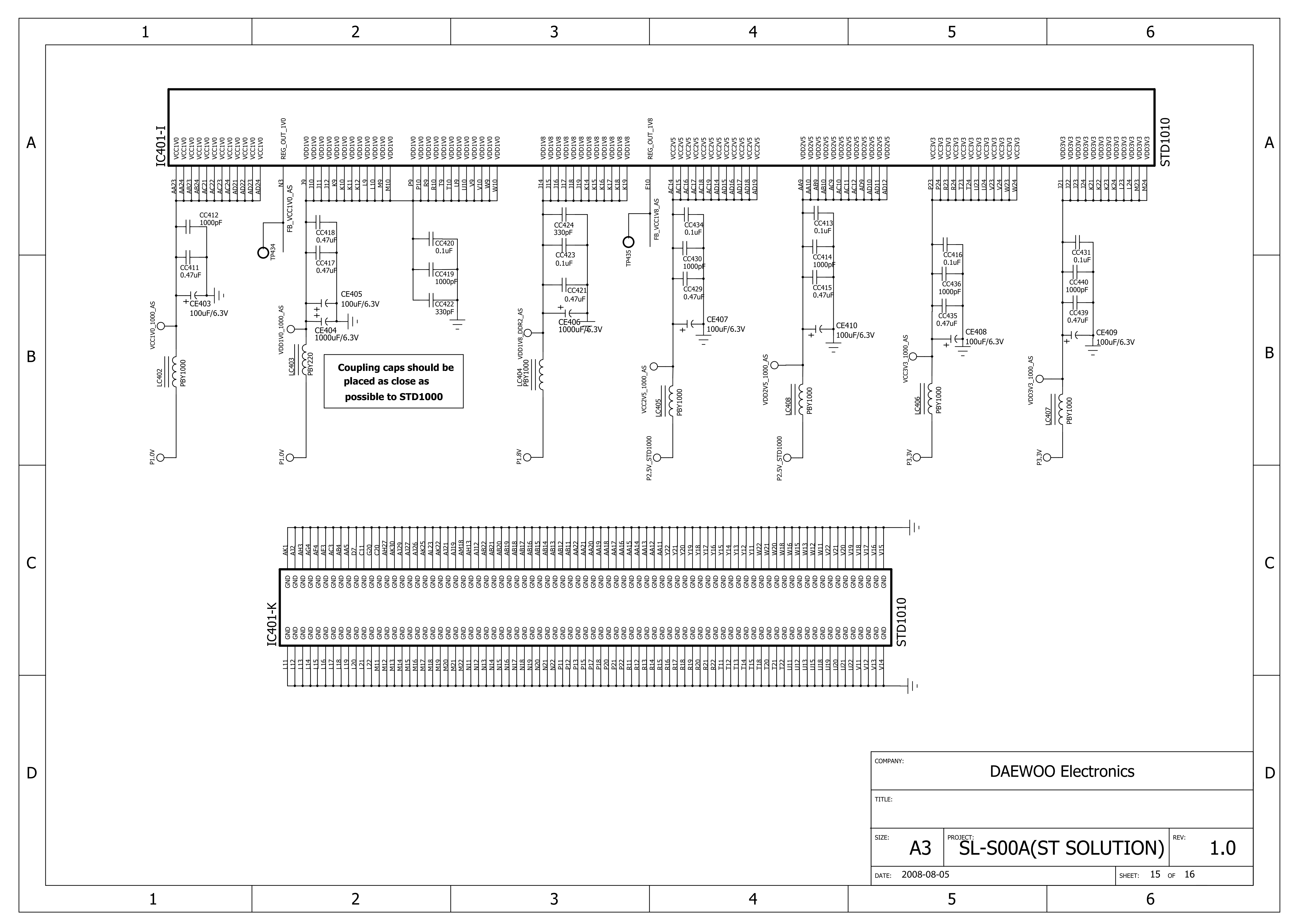

IC401-E
STD1010
IC402
ST3222ECTR
JK401
RS-232
P401
P402
P404
P405
IC410
KIA358F
IC405
KIA7027P
COMPANY: DAEWOO Electronics
TITLE: J_COMS
SIZE: A3
PROJECT: SL-S00A(ST SOLUTION)
REV: 1.0
DATE: 2008-08-05
SHEET: 10 OF 16

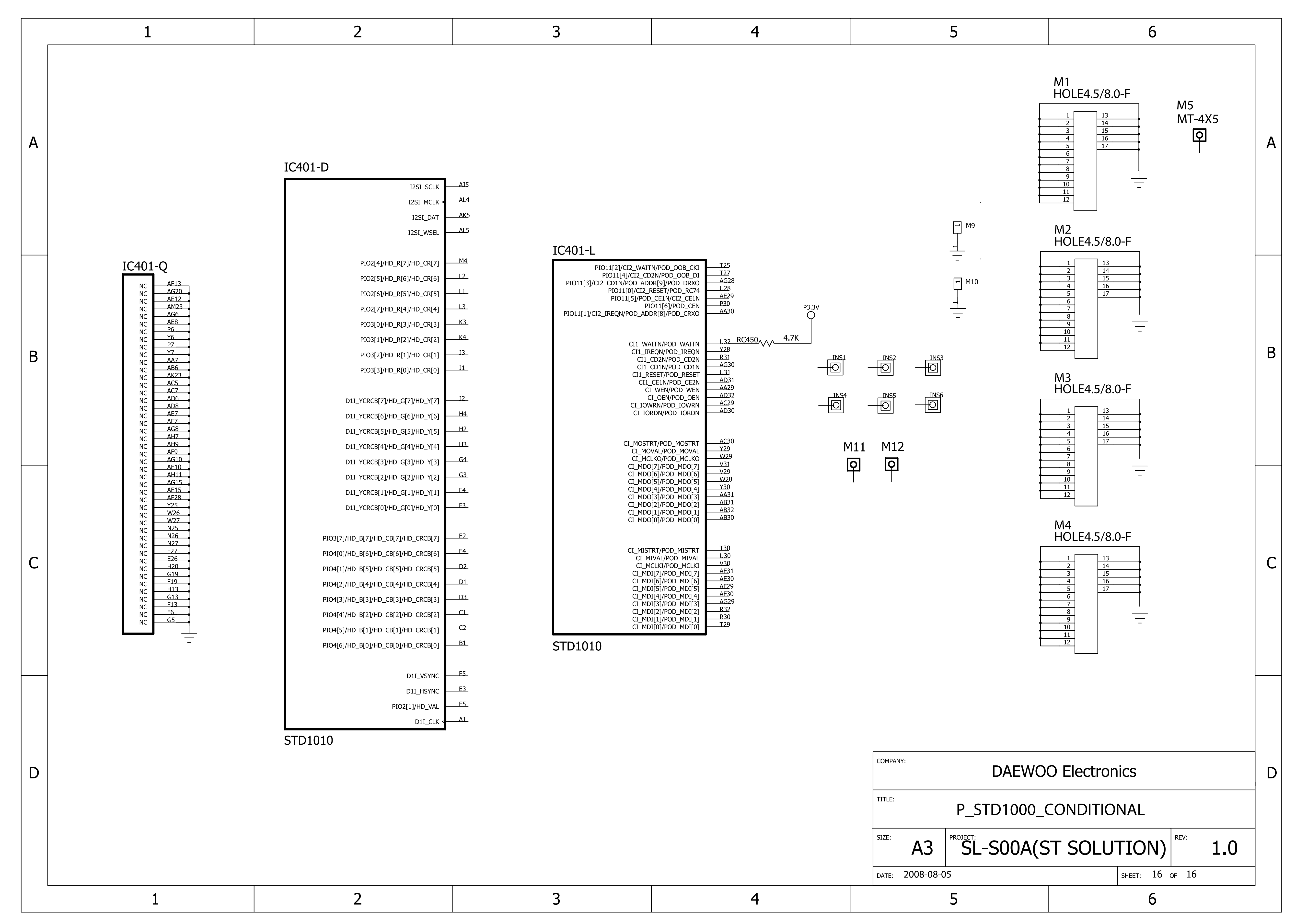

RESET
STD1010
IC401-G
P403
JTAG CONNECTOR
JTAG CON
PLL1 usage are Functional
XTAL usage are Functional
NOR Flash
SYSTEM EEPROM(DIP)
IC404
NC(M24C08)
SYSTEM EEPROM(SMD)
IC403
M24C08
W:0xA0h
Boundary control Disable
Test mode control Disable
Becasue There is no connection possibility for TST_AFE0, TST_AFE1, TST_AFE2, TST_AFE3, AF_HV, they have been kept NC
SCL3_3V3[10,12]
SDA3_3V3 [10,12]
[7] CLKXTP_83X8
[7] CLKXTM_83X8
COMPANY:
DAEWOO Electronics
TITLE:
K_SYSTEM
SIZE:
A3
PROJECT:
SL-S00A(ST SOLUTION)
REV:
1.0
DATE:
2008-08-05
SHEET: 11 OF 16


P501
CON_HEADER_10MALE_VERT
IC401-O
STD1010
IC503
KIA7027P
STI1010
ST7
COMPANY: DAEWOO Electronics
TITLE: L_ST7_STANDBY
SIZE: A3
PROJECT: SL-S00A(ST SOLUTION)
REV: 1.0
DATE: 2008-08-05
SHEET: 12 OF 16


IC401-P
STD1010
IC401-M
STD1010
STi1000 register setting LVDS configuration
EVEN_SW=4
ODD_SW=4
LVDS transmitter I2C adr: 0x98/0x99
QC702
TSM2301
SOURCE
DRAIN
GATE
P12V
LC707
PBY1000
LC708
PBY1000
CC707
0.1uF
CC708
0.1uF
RC714
3.3K
TP962
18K
RC722
TP720
RC720
3.3K
TP960
QC701
SC2412K
NOT_LVDS_PWRDWN
CE703
10uF/10V
RC721
2.7K
LVDS_B+
5650 SMD
LC701
NC(4.7uH)
CE707
330uF/25V
DISM:3V3/ LG:GND
P701
SMW200-NNC/30
RC706
NC
RC707
0
RC711
NC
RC712
NC
TP961
RC710 NC(0)
VBR_B
ENABLE:3.3V/
DISABLE:GND
RC708
NC(0)
RC709
0
TP963
1080P OPTION
P702
NC(LVDS_CON51)
10bit:3.3V/
8bit:GND
RC713
NC(0)
RC718
0
The FPD_REXT line is to be as short as possible on the PCB !
Because there is no connection possibility OUT_GFX has been kept NC
RC701 0
RC702 NC
RC703 NC
RC704 120K 1%
COMPANY:
DAEWOO Electronics
TITLE:
M_BACK_END
SIZE: A3
PROJECT: SL-S00A(ST SOLUTION)
REV: 1.0
DATE: 2008-08-05
SHEET: 13 OF 16


IC803 AZ1117H 2.5V
IC808 AZ1117H 3.3V
IC806 AZ1117H 3.3V
IC802
IC804
IC805
MP2305
P801
COMPANY:
DAEWOO Electronics
TITLE:
N_POWER
SIZE:
A3
PROJECT:
SL-S00A(ST SOLUTION)
REV:
1.0
DATE:
2008-08-05
SHEET: 14 OF 16
BZX84C9V1
9.1V_CHIP_ZENER
BZX84C8V2
8.2V_CHIP_ZENER
STB_5V
PWR_ON
ANA_DIM
BLT_ON
12V
15V


IC401-I
STD1010
CC412
1000pF
CC411
0.47uF
CE403
100uF/6.3V
VCC1V0_1000_AS
LC402
PBY1000
P1.0V
REG_OUT_1V0
FB_VCC1V0_AS
TP434
CC418
0.47uF
CC417
0.47uF
CE405
100uF/6.3V
CE404
1000uF/6.3V
VDD1V0_1000_AS
LC403
PBY220
P1.0V
CC420
0.1uF
CC419
1000pF
CC422
330pF
Coupling caps should be
placed as close as
possible to STD1000
CC424
330pF
CC423
0.1uF
CC421
0.47uF
CE406
1000uF/6.3V
VDD1V8_DDR2_AS
LC404
PBY1000
P1.8V
REG_OUT_1V8
FB_VCC1V8_AS
TP435
CC434
0.1uF
CC430
1000pF
CC429
0.47uF
CE407
100uF/6.3V
VCC2V5_1000_AS
LC405
PBY1000
P2.5V_STD1000
CC413
0.1uF
CC414
1000pF
CC415
0.47uF
CE410
100uF/6.3V
VDD2V5_1000_AS
LC408
PBY1000
P2.5V_STD1000
CC416
0.1uF
CC436
1000pF
CC435
0.47uF
CE408
100uF/6.3V
VCC3V3_1000_AS
LC406
PBY1000
P3.3V
CC431
0.1uF
CC440
1000pF
CC439
0.47uF
CE409
100uF/6.3V
VDD3V3_1000_AS
LC407
PBY1000
P3.3V
IC401-K
STD1010
COMPANY:
DAEWOO Electronics
TITLE:
SIZE:
A3
PROJECT:
SL-S00A(ST SOLUTION)
REV:
1.0
DATE:
2008-08-05
SHEET:
15
OF
16


IC401-Q
IC401-D
IC401-L
STD1010
M1
HOLE4.5/8.0-F
M2
HOLE4.5/8.0-F
M3
HOLE4.5/8.0-F
M4
HOLE4.5/8.0-F
M5
MT-4X5
M9
M10
M11
M12
RC450
4.7K
P3.3V
COMPANY:
DAEWOO Electronics
TITLE:
P_STD1000_CONDITIONAL
SIZE:
A3
PROJECT:
SL-S00A(ST SOLUTION)
REV:
1.0
DATE: 2008-08-05
SHEET: 16 OF 16

8. Software Upgrade Methord

1. This model requires ‘dtv150_main.bin’ binary file and USB memory for upgrade.
2. The upgrade file must be named dtv150_main.bin, and located in root directory in USB memory.
3. Press S9 button in service remote controller, and check the decoder version.
4. And move to ‘Dualboot Enable’ and select ‘On’ by pressing ‘¢∏/¢ʃ’ button.
5. Escape from service menu by pressing menu button.
6. Insert USB memory to USB slot on Side jack.
7. Turn off and on the TV set, then the TV set will be automatically upgraded.
   A screen like the following will be shown on the screen.



8. Upgrade time is about 2 minutes and the TV set will automatically restart.
9. Press S9 button in service remote controller, and check the decoder version.

9. Bill of Materials

1) 32L1

LOC	PART CODE	PART NAME	DESCRIPTION
LOC	PARTS CODE	PARTS NAME	PARTS DESCRIPTION
ZZ100	48B6360A04	TRANSMITTER REMOCON	R-60A04 (AAA)
ZZ110	PTACPWG469	ACCESSORY AS	LA32L1B1LM
60	4850Q00910	BATTERY	R03/NN
Ma211C	7172401652	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK 3CR
M212	4852182601	COVER BOTTOM	HIPS BK
M385A	7172401652	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK 3CR
M681	4856819300	CLAMP WIRE	NYLON 66
M683	2242070702	SHEET MICRO FIBER	150X180XT0.75
M821	4858219401	BAG INSTRUCTION	L.D.P.E T0.05X280X470
M824	4858221000	BAG ACCESSORY	T 0.5 X 70 X 110
M861	48586230K1	MANUAL INSTRUCTION	KOREAN 32C1
PWC1	48599BM001	CORD POWER AS	UL LP-31 LS-13 2.0M (LF)
ZZ120	PTBCSHG469	COVER BACK AS	LA32L1B1LM
M211	4852182302	COVER BACK	FR HIPS BK
M386	4853833101	FRAME WALL KIT	ABS BK
M386A	7172401452	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK 3CR
ZZ130	PTPKCPG469	PACKING AS	LA32L1B1LM
M1F1	4851F03200	STAND AS	32L1
M214	4852182501	COVER FRAME STAND	ABS+PMMA BK
M385	4853833601	FRAME STAND	ABS BK
M801	4858075400	BOX CARTON	DW-4 32L1
M811	485819EA00	PAD	EPS
M822	4858215701	BAG P.E	PE FOAM t0.5x1050x950
M841	6510030117	BAND PP AUTO	T0.95XW17XL900M (10KG)
ZZ140	PTCACAG469	CABINET AS	LA32L1B1LM
M191	4851960700	SHIELD CASE AS	7257200+5951800
M191A	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M191B	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M211A	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M211D	4856019552	SCREW SPECIAL	PLANE HEAD 3X8 MFZN BK 3CR
M321A	7173300852	SCREW TAPPTITE	TT2 BIN 3X8 MFZN BK 3CR
M381A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M381B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M382A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M382B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M382C	4857802403	CLOTH BLACK	FELT 80X10XT1.0
M541	4855421300	SPEC PLATE	150ART P/E FILM(148X58MM)
P701A	4859008160	CABLE LVDS	LPL:SMH200-30C+10030HS-30L2B+SLS00=300
P801C	4850714S07	CONNECTOR	20022HS-14+20022HS-14+ULW=300
PM100	4850M011PW	MODULE POWER	FEL-3237VW
V901	485LDAA321	LCD PANEL	LC320WXN-SAC1
ZZ200	PTFMSJG469	MASK FRONT AS	LA32L1B1LM
M201	4852099001	MASK FRONT	ABS+PMMA BK
M201A	4857821106	CLOTH BLACK	FELT 360X10XT1.5
M561	4855626900	MARK BRAND	SILVER DIA-CUTTING(LEG •'1.2 L=7.5)
M591	4855949701	DECO	ABS BK
ZZ210	PTSPPWG469	SPEAKER AS	LA32L1B1LM
P601A	4850703N51	CONNECTOR	SMH250-03+YRT205+YRT110+USW=400
P602A	4850702N36	CONNECTOR	SMH250-02+YRT205+YRT110+USW=400
SP01	48A8324510	SPEAKER SYSTEM	SS-45165N02CR
SP02	48A8324500	SPEAKER SYSTEM	SS-45165N02CL
P701	4859202821	CONN WAFER	SMW200-30C

2) 37L1

LOC	PART CODE	PART NAME	DESCRIPTION
LOC	PARTS CODE	PARTS NAME	PARTS DESCRIPTION
ZZ100	48B6360A04	TRANSMITTER REMOCON	R-60A04 (AAA)
ZZ110	PTACPWG470	ACCESSORY AS	LA37L1B1LM
60	4850Q00910	BATTERY	R03/NN
M212	4852182801	COVER BOTTOM	HIPS BK
M3851	7115401552	SCREW TAPPING	FLT 4X15 MFZN BK 3CR
M681	4856819300	CLAMP WIRE	NYLON 66
M683	2242070702	SHEET MICRO FIBER	150X180XT0.75
M821	4858219401	BAG INSTRUCTION	L.D.P.E T0.05X280X470
M823	4858221000	BAG ACCESSORY	T 0.5 X 70 X 110
M861	48586230K1	MANUAL INSTRUCTION	KOREAN 32C1
M871	4858700000	CARD	DTS-2998BT
PWC1	48599BM001	CORD POWER AS	UL LP-31 LS-13 2.0M (LF)
ZZ120	PTBCSHG470	COVER BACK AS	LA37L1B1LM
M211	4852183402	COVER BACK	FR HIPS BK
M386	4853833101	FRAME WALL KIT	ABS BK
M3861	7172401452	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK 3CR
ZZ130	PTPKCPG470	PACKING AS	LA37L1B1LM
M1F1	4851F03101	STAND AS	37L1(1F03100+2182901)
M681	6510030117	BAND PP AUTO	T0.95XW17XL900M (10KG)
M801	4858075200	BOX CARTON	DW-4 37L1
M811	485819EF00	PAD	EPS
M822	4858215001	BAG P.E	PE FOAM t0.5x1200x1150
ZZ140	PTCACAG470	CABINET AS	LA37L1B1LM
M111A	7173300852	SCREW TAPPTITE	TT2 BIN 3X8 MFZN BK 3CR
M191	4851960700	SHIELD CASE AS	7257200+5951800
M191A	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M191B	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M211A	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M211B	4856019552	SCREW SPECIAL	PLANE HEAD 3X8 MFZN BK 3CR
M321A	7173300852	SCREW TAPPTITE	TT2 BIN 3X8 MFZN BK 3CR
M381A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M381B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M382A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M382B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M385	4853833701	FRAME STAND	ABS BK
M385A	7172401652	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK 3CR
M541	4855421300	SPEC PLATE	150ART P/E FILM(148X58MM)
P701A	4859008160	CABLE LVDS	LPL:SMH200-30C+10030HS-30L2B+SLS00=300
P801C	4850714S07	CONNECTOR	20022HS-14+20022HS-14+ULW=300
PM100	4850M011PW	MODULE POWER	FEL-3237VW
V901	485LDAA371	LCD PANEL	LC370WXN-SAB1
ZZ200	PTFMSJG470	MASK FRONT AS	LA37L1B1LM
M201	4852099301	MASK FRONT	ABS+PMMA BK
M561	4855627400	MARK BRAND	SILVER DIA-CUTTING(LEG •'1.2 L=7.5)
M591	4855949901	DECO	ABS BK
M7821	4857821201	CLOTH BLACK	FELT 415X12X2
ZZ210	PTSPPWG470	SPEAKER AS	LA37L1B1LM
P601A	4850703N51	CONNECTOR	SMH250-03+YRT205+YRT110+USW=400
P602A	4850702N36	CONNECTOR	SMH250-02+YRT205+YRT110+USW=400
SP01	48A8324510	SPEAKER SYSTEM	SS-45165N02CR
SP02	48A8324500	SPEAKER SYSTEM	SS-45165N02CL
P701	4859202821	CONN WAFER	SMW200-30C

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3) 42L1

LOC	PART CODE	PART NAME	DESCRIPTION
LOC	PARTS CODE	PARTS NAME	PARTS DESCRIPTION
ZZ100	48B6360A04	TRANSMITTER REMOCON	R-60A04 (AAA)
ZZ110	PTACPWG471	ACCESSORY AS	LA42L1B1LM
60	4850Q00910	BATTERY	R03/NN
M211C	7172401652	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK 3CR
M211D	7115401552	SCREW TAPPING	FLT 4X15 MFZN BK 3CR
M212	4852182801	COVER BOTTOM	HIPS BK
M681	4856819300	CLAMP WIRE	NYLON 66
M683	2242070702	SHEET MICRO FIBER	150X180XT0.75
M821	4858219401	BAG INSTRUCTION	L.D.P.E T0.05X280X470
M824	4858221000	BAG ACCESSORY	T 0.5 X 70 X 110
M861	48586230K1	MANUAL INSTRUCTION	KOREAN 32C1
M871	4858700000	CARD	DTS-2998BT
PWC1	48599BM001	CORD POWER AS	UL LP-31 LS-13 2.0M (LF)
ZZ120	PTBCSHG471	COVER BACK AS	LA42L1B1LM
M211	4852182702	COVER BACK	FR HIPS BK
ZZ130	PTPKCPG471	PACKING AS	LA42L1B1LM
M1F1	4851F03103	STAND AS	42L1(1F03100+2182901+3833701+BOX)
M801	4858076500	BOX CARTON	DW-4 42L1 (1081*268*742)
M811	485819EY00	PAD	EPS
M822	4858215101	BAG P.E	PE FOAM T0.5X1430X1270
M841	6510030117	BAND PP AUTO	T0.95XW17XL900M (10KG)
ZZ140	PTCACAG471	CABINET AS	LA42L1B1LM
M111A	7173300852	SCREW TAPPTITE	TT2 BIN 3X8 MFZN BK 3CR
M191	4851960700	SHIELD CASE AS	7257200+5951800
M191A	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M191B	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M211A	7172401452	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK 3CR
M211C	4856019552	SCREW SPECIAL	PLANE HEAD 3X8 MFZN BK 3CR
M321A	7173300852	SCREW TAPPTITE	TT2 BIN 3X8 MFZN BK 3CR
M381A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M381B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M382A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M382B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M541	4855421300	SPEC PLATE	150ART P/E FILM(148X58MM)
P701A	4859008160	CABLE LVDS	LPL:SMH200-30C+10030HS-30L2B+SLS00=300
P801C	4850714S07	CONNECTOR	20022HS-14+20022HS-14+ULW=300
PM100	4850M012PW	MODULE POWER	FEL-4247VW
V901	485LDAA421	LCD PANEL	LC420WXN-SAB1
ZZ200	PTFMSJG471	MASK FRONT AS	LA42L1B1LM
M201	4852099101	MASK FRONT	ABS+PMMA BK
M561	4855627100	MARK BRAND	SILVER DIA-CUTTING(LEG •'1.2 L=7.5)
M591	4855949901	DECO	ABS BK
M7821	4857821205	CLOTH BLACK	FELT 490X12X2
ZZ210	PTSPPWG471	SPEAKER AS	LA42L1B1LM
SP01	48A8324200	SPEAKER SYSTEM	SS-57165F04CR
SP02	48A8324210	SPEAKER SYSTEM	SS-57165F04CL
P701	4859202821	CONN WAFER	SMW200-30C

4) 42L1FULL HD

LOC	PART CODE	PART NAME	DESCRIPTION
ZZ100	48B6360A04	TRANSMITTER REMOCON	R-60A04 (AAA)
ZZ110	PTACPWG471	ACCESSORY AS	LA42L1B1LM
60	4850Q00910	BATTERY	R03/NN
M211C	7172401652	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK 3CR
M211D	7115401552	SCREW TAPPING	FLT 4X15 MFZN BK 3CR
M212	4852182801	COVER BOTTOM	HIPS BK
M681	4856819300	CLAMP WIRE	NYLON 66
M683	2242070702	SHEET MICRO FIBER	150X180XT0.75
M821	4858219401	BAG INSTRUCTION	L.D.P.E T0.05X280X470
M824	4858221000	BAG ACCESSORY	T 0.5 X 70 X 110
M861	48586230K1	MANUAL INSTRUCTION	KOREAN 32C1
M871	4858700000	CARD	DTS-2998BT
PWC1	48599BM001	CORD POWER AS	UL LP-31 LS-13 2.0M (LF)
ZZ120	PTBCSHG471	COVER BACK AS	LA42L1B1LM
M211	4852182702	COVER BACK	FR HIPS BK
ZZ130	PTPKCPG471	PACKING AS	LA42L1B1LM
M1F1	4851F03103	STAND AS	42L1(1F03100+2182901+3833701+BOX)
M801	4858076500	BOX CARTON	DW-4 42L1 (1081*268*742)
M811	485819EY00	PAD	EPS
M822	4858215101	BAG P.E	PE FOAM T0.5X1430X1270
M841	6510030117	BAND PP AUTO	T0.95XW17XL900M (10KG)
ZZ140	PTCACAG496	CABINET AS	LA42L1B1LF
M111A	7173300852	SCREW TAPPTITE	TT2 BIN 3X8 MFZN BK 3CR
M191	4851960700	SHIELD CASE AS	7257200+5951800
M191A	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M191B	7178300852	SCREW TAPPTITE	TT2 WAS 3X8 MFZN BK 3CR
M211A	7172401452	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK 3CR
M211C	4856019552	SCREW SPECIAL	PLANE HEAD 3X8 MFZN BK 3CR
M321A	7173300852	SCREW TAPPTITE	TT2 BIN 3X8 MFZN BK 3CR
M381A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M381B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M382A	7003400651	SCREW MACHINE	BIN 4X6 MFZN 3CR
M382B	7172401252	SCREW TAPPTITE	TT2 TRS 4X12 MFZN BK 3CR
M541	4855421300	SPEC PLATE	150ART P/E FILM(148X58MM)
P702A	4859008260	CABLE LVDS	LPL:12530HS-51L2+05030HS-51L+SLS10T=300
P801C	4850714S07	CONNECTOR	20022HS-14+20022HS-14+ULW=300
PM100	4850M012PW	MODULE POWER	FEL-4247VW
V901	485LDAC420	LCD PANEL	LC420WUN-SAA1
ZZ200	PTFMSJG471	MASK FRONT AS	LA42L1B1LM
M201	4852099101	MASK FRONT	ABS+PMMA BK
M561	4855627100	MARK BRAND	SILVER DIA-CUTTING(LEG •'1.2 L=7.5)
M591	4855949901	DECO	ABS BK
M7821	4857821205	CLOTH BLACK	FELT 490X12X2
ZZ210	PTSPPWG471	SPEAKER AS	LA42L1B1LM
SP01	48A8324200	SPEAKER SYSTEM	SS-57165F04CR
SP02	48A8324210	SPEAKER SYSTEM	SS-57165F04CL
P702	4859201AS0	CONN WAFER	12530WS-51L2

5) COMMON PARTS

LOC	PART CODE	PART NAME	DESCRIPTION
LOC	PARTS CODE	PARTS NAME	PARTS DESCRIPTION
JK201	4859118050	JACK PIN	DPSE-9926S
JK202	4859105340	JACK S-VHS	DSW-10 (STRAIGHT)
JK203	4859201860	CONN D-SUB	SHD-015-C0925 (15P ST FEMALE)
JK206	4959102340	JACK PHONE	SPJ-358H(3.5 STRAIGHT)
JK208	4859117950	JACK PIN	DPSE-0415S
JK213	4859118350	JACK PIN	SH4-28A1PB STRAIGHT
JK401	4859201760	CONN D-SUB	SHD-009-20105 (9P ST FEMALE)
JK601	4859101880	JACK OPTICAL SENSOR	SHO-DQT-021 (16MBPS)
LC814	58C0000116	COIL BEAD	HC-3550R
M101	485A117570	SHIELDRON	45X20X4(T)
M372	4956800200	CLAMP WIRE	WS-A-2-19
M381	4853835300	FRAME SIDE T	SECC T1.2
M3811	7178300851	SCREW TAPPTITE	TT2 WAS 3X8 MFZN 3CR
M382	4853835400	FRAME SIDE B	SECC T1.6
M3821	7178300851	SCREW TAPPTITE	TT2 WAS 3X8 MFZN 3CR
M383	4853835100	FRAME SUPPORT R	SECC T1.0
M384	4853835200	FRAME SUPPORT L	SECC T1.0
M38P1	7178300851	SCREW TAPPTITE	TT2 WAS 3X8 MFZN 3CR
M38P2	7178300851	SCREW TAPPTITE	TT2 WAS 3X8 MFZN 3CR
P202	4859290520	CONN WAFER	20017WR-04A
P501	4859200420	CONN WAFER(PIN HEADER)	4602-10MV2-60-1 PLUG 10P ST
P601	4959260620	CONN WAFER	SMAW250-03
P602	4959260820	CONN WAFER	SMAW250-02
P801	4959203820	CONN WAFER	SMW250-15
P801A	4850715S06	CONNECTOR	SMH250-15+SMH250-15+ULW=200
SW401	5S50101Z90	SW TACT	THVV502GDA
TU101	4859700850	TUNER DIGITAL	TDVF-H053F
X101	5XJ27R00AC	CRYSTAL QUARTZ	HC-49/S 27.000MHZ 15PF 20PPM
X402	5XJ24R00NE	CRYSTAL QUARTZ	HC-49/S 24.000MHZ 22PF 30PPM
X501	5XJ16R00JE	CRYSTAL QUARTZ	HC-49/S 16.000MHZ 18PF 30PPM
CC101	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC102	HCQK471JBA	C CHIP CERA	50V CH 470PF J 1608
CC104	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC129	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC130	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC131	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC132	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC133	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC134	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC135	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC136	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC138	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC140	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC141	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC142	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC144	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC149	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC158	HCQK470JBA	C CHIP CERA	50V CH 47PF J 1608
CC201	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC202	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC225	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC227	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC250	HCBF224KBA	C CHIP CERA	16V X7R 0.22MF K 1608
CC251	HCBF224KBA	C CHIP CERA	16V X7R 0.22MF K 1608
CC262	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC271	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC274	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC277	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC280	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC283	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC286	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC303	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC304	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC305	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC307	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC308	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC309	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC310	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC311	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC312	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC313	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC314	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC315	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC316	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC318	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC319	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC320	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC321	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC322	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC323	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC324	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC325	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC326	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC327	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC328	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC329	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC330	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC331	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC332	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC333	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC334	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC335	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC411	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC412	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC413	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC414	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC415	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC416	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC417	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC418	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC419	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC420	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC421	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC422	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC423	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC424	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC429	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC430	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC431	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC434	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC435	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC436	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC439	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC440	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC501	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608
CC502	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608
CC503	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC606	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC607	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC608	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC609	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC612	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC625	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC626	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC628	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC629	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC640	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC641	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC643	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC648	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC649	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC658	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC667	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC668	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC669	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608

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LOC	PART CODE	PART NAME	DESCRIPTION
CC708	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC810	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC812	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608
CC822	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC824	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608
CC839	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC841	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608
CC842	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC847	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC848	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC855	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC856	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
IC503	1K1A7027TB	IC CHIP RESET	KIA7027AT 2.7V TSM TYPE
LC101	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC111	HLC278K20A	L CHIP COIL	0.27UH K CL 1608
LC201	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC208	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC209	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC210	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC211	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC213	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC214	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC215	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC404	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC613	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC615	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC707	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC708	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC808	HFF300B00A	F CHIP FERRITE BEAD	30 OHM PBY 1608
LC809	HFF300B00A	F CHIP FERRITE BEAD	30 OHM PBY 1608
LC810	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
QC211	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC212	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC221	TBSS138—A	TR CHIP	BSS138
QC222	TBSS138—A	TR CHIP	BSS138
RC201	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC202	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC213	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC214	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC215	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC235	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC236	HRT7871FBA	R CHIP	1/10 7.87K OHM F 1608
RC240	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC255	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC256	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC257	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC259	HRFT511FBA	R CHIP	1/10 510 OHM F 1608
RC269	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC270	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC273	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC274	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC276	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC293	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC294	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC303	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC304	HRFT221JBA	R CHIP	1/10 220 OHM J 1608
RC307	HRFT103FBA	R CHIP	1/10 10K OHM F 1608
RC407	HRFT822JBA	R CHIP	1/10 8.2K OHM J 1608
RC457	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC470	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC471	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC480	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC481	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC482	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC486	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC492	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC524	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC531	HRFT101JBA	R CHIP	1/10 100 OHM J 1608

LOC	PART CODE	PART NAME	DESCRIPTION
RC535	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC539	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC547	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC604	HRFT220JBA	R CHIP	1/10 22 OHM J 1608
RC607	HRFT473JBA	R CHIP	1/10 47K OHM J 1608
RC610	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC625	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC626	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC646	HRFT470JBA	R CHIP	1/10 47 OHM J 1608
RC707	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC709	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC713	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC722	HRFT183JBA	R CHIP	1/10 18K OHM J 1608
RC802	HRFT104JBA	R CHIP	1/10 100K OHM J 1608
RC803	HRFT104JBA	R CHIP	1/10 100K OHM J 1608
RC805	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC806	HRFT222FBA	R CHIP	1/10 2.2K OHM F 1608
RC811	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC812	HRFT103FBA	R CHIP	1/10 10K OHM F 1608
RC815	HRFT103FBA	R CHIP	1/10 10K OHM F 1608
RC821	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC827	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC830	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
VA201	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA202	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA203	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA204	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA205	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA208	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA211	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA214	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA215	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA216	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA217	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA229	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA230	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA231	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA232	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA233	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA234	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA235	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA236	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA237	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA238	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA239	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA240	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA241	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA242	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA243	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA245	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA246	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA247	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA248	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA249	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA250	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA251	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA252	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA253	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA254	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA255	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA256	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA263	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA264	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
A001	4859819592	PCB MAIN	189X234 K4V
CC118	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608
CC119	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608
CC124	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC125	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608

LOC	PART CODE	PART NAME	DESCRIPTION
CC126	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC127	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC128	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC137	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC139	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC143	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC145	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC146	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC147	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC148	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC150	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC151	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC152	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC153	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC154	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC156	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC157	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC203	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC204	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC205	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC206	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC207	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC208	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608
CC209	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC210	HCBF224KBA	C CHIP CERA	16V X7R 0.22MF K 1608
CC211	HCBF224KBA	C CHIP CERA	16V X7R 0.22MF K 1608
CC212	HCBF224KBA	C CHIP CERA	16V X7R 0.22MF K 1608
CC213	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC214	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC215	HCBF224KBA	C CHIP CERA	16V X7R 0.22MF K 1608
CC216	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC217	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC218	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC219	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC220	HCBK223KBA	C CHIP CERA	50V X7R 0.022MF K 1608
CC221	HCBK223KBA	C CHIP CERA	50V X7R 0.022MF K 1608
CC222	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC223	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC224	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC226	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC228	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC229	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC230	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC231	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC232	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC233	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC234	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC235	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC236	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC237	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC238	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC240	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC241	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC242	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC243	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC244	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC245	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC246	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC247	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC265	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC268	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC289	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC292	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC293	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC301	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC302	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC306	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC317	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608

LOC	PART CODE	PART NAME	DESCRIPTION
CC336	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC401	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC402	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC403	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC404	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC405	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC408	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608
CC409	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608
CC410	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC446	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608
CC447	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC448	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC449	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC450	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC511	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC512	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC601	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC602	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC603	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC604	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC605	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC610	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC611	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC613	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC614	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC615	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC616	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC617	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC618	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC619	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608
CC620	HCFF474ZBA	C CHIP CERA	Y5V 16V 0.47MF Z 1608
CC621	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC622	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC623	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC624	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC627	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC630	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC631	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC632	HCBF224KBA	C CHIP CERA	16V X7R 0.22MF K 1608
CC633	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC634	HCBK223KBA	C CHIP CERA	50V X7R 0.022MF K 1608
CC635	HCQK151JBA	C CHIP CERA	50V CH 150PF J 1608
CC636	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC637	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC638	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC639	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC642	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC644	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC645	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC646	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC647	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC650	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC651	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC652	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC653	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC654	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC655	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC656	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC657	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC659	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC660	HCBF105KBA	C CHIP CERA	16V X7R K 1MF 1608
CC661	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC662	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC663	HCBK333KBA	C CHIP CERA	50V X7R 0.033MF K 1608
CC664	HCBK333KBA	C CHIP CERA	50V X7R 0.033MF K 1608
CC665	HCBK333KBA	C CHIP CERA	50V X7R 0.033MF K 1608
CC666	HCBK333KBA	C CHIP CERA	50V X7R 0.033MF K 1608
CC707	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608

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LOC	PART CODE	PART NAME	DESCRIPTION
CC807	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC808	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC809	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC819	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC820	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC821	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC827	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC828	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC831	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC832	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC833	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC835	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC836	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608
CC837	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC838	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608
CC843	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC845	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC846	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CC854	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CE101	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE102	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE105	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE106	HCEJC221MD	C CHIP ELECTRO	6.3V 220MF LV 8065
CE107	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE108	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE109	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE110	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE111	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE112	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE113	HCEJC470MC	C CHIP ELECTRO	6.3V 47MF CS 5053
CE114	HCEJC470MC	C CHIP ELECTRO	6.3V 47MF CS 5053
CE201	HCEJF220MC	C CHIP ELECTRO	16V 22MF CS 5053
CE202	HCEJF220MC	C CHIP ELECTRO	16V 22MF CS 5053
CE203	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE204	HCEJC220MC	C CHIP ELECTRO	6.3V 22MF CS 4052
CE205	HCEJD101MD	C CHIP ELECTRO	10V 100MF LV 6355
CE206	HCEJD470MC	C CHIP ELECTRO	10V 47MF LV 5055
CE301	HCEJC470MC	C CHIP ELECTRO	6.3V 47MF CS 5053
CE401	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE403	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE404	HCEJC102ME	C CHIP ELECTRO	6.3V 1000MF LV 1010
CE406	HCEJC102ME	C CHIP ELECTRO	6.3V 1000MF LV 1010
CE407	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE408	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE409	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE410	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE411	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE601	HCEJF331ME	C CHIP ELECTRO	16V 330MF LV 8010
CE602	HCEJC221MD	C CHIP ELECTRO	6.3V 220MF LV 8065
CE603	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE604	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE605	HCEJH331ME	C CHIP ELECTRO	25V 330MF LV 1010
CE606	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE607	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE608	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE609	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE610	HCEJC220MC	C CHIP ELECTRO	6.3V 22MF CS 4052
CE611	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE612	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE613	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE614	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE615	HCEJC470MC	C CHIP ELECTRO	6.3V 47MF CS 5053
CE616	HCEJH331ME	C CHIP ELECTRO	25V 330MF LV 1010
CE703	HCEJF100MC	C CHIP ELECTRO	16V 10MF MV 4052
CE707	HCEJH331ME	C CHIP ELECTRO	25V 330MF LV 1010
CE802	HCEJC221MD	C CHIP ELECTRO	6.3V 220MF LV 8065
CE803	HCEJC221MD	C CHIP ELECTRO	6.3V 220MF LV 8065
CE804	HCEJC221MD	C CHIP ELECTRO	6.3V 220MF LV 8065

LOC	PART CODE	PART NAME	DESCRIPTION
CE805	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE806	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE807	HCEJF101MD	C CHIP ELECTRO	16V 100MF LV 6355
CE809	HCEJF471ME	C CHIP ELECTRO	16V 470MF LV 8010
CE811	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE812	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
CE813	HCEJC221MD	C CHIP ELECTRO	6.3V 220MF LV 8065
CE814	HCEJC101MC	C CHIP ELECTRO	6.3V 100MF LV 5055
DC201	DBAV70—B	DIODE CHIP	BAV70
DC403	DBAV70—B	DIODE CHIP	BAV70
DZ401	DBZX848R2B	DIODE CHIP ZENER	BZX84C8V2
DZ806	DBZX849R1B	DIODE CHIP ZENER	BZX84C9V1
DZ807	DBZX848R2B	DIODE CHIP ZENER	BZX84C8V2
IC101	1STV0374-Q	IC CHIP ATSC DEMODULATOR	STV0374
IC201	1CAT6341-Q	IC CHIP HDMI SWITCH	CAT6341CQ
IC202	1STV6415DQ	IC CHIP SWITCH	STV6415DD (STV6415AB)
IC203	1STMAV340D	IC CHIP SWITCH	STMAV340
IC204	1STMAV340D	IC CHIP SWITCH	STMAV340
IC205	1ST2042BDE	IC CHIP POWER SWITCH	ST2042BDR
IC206	124C02MN6D	IC CHIP EEPROM	M24C02-WMN6T
IC301	1320EB70NQ	IC CHIP FLASH MEMORY	M29W320EB70N16E
IC302	15116AJBGD	IC CHIP DDR SDRAM	EDE5116AJBG-6E-E(32MX16)
IC303	15116AJBGD	IC CHIP DDR SDRAM	EDE5116AJBG-6E-E(32MX16)
IC401	1S1012AUAQ	IC CHIP VIDEO PROCESSOR	STI1012AUA
IC402	13222ECTRE	IC CHIP DRIVER	ST3222ECTR
IC403	124LC16BTC	IC CHIP EEPROM	24LC16BT-I/SN 16K 8 PIN SOIC REEL
IC405	1K1A7027TB	IC CHIP RESET	KIA7027AT 2.7V TSM TYPE
IC406	1K1A7027TB	IC CHIP RESET	KIA7027AT 2.7V TSM TYPE
IC410	1K1A358F-C	IC CHIP OP AMP	KIA358F DUAL OP AMP FLP-8
IC601	1TDA7491P-	IC CHIP AUDIO AMP	TDA7491P
IC602	1STV8318FQ	IC CHIP AUDIO PROCESSOR	STV8318F
IC603	1K1A7027TB	IC CHIP RESET	KIA7027AT 2.7V TSM TYPE
IC802	1MP2305DSB	IC CHIP CONVERTOR	MP2305DS
IC803	1AZ117H25C	IC CHIP REGULATOR	AZ1117H-2.5TREI 2.5V SOT-223
IC804	1MP2305DSB	IC CHIP CONVERTOR	MP2305DS
IC805	1MP2305DSB	IC CHIP CONVERTOR	MP2305DS
IC806	1AZ117H33C	IC CHIP REGULATOR	AZ1117H-3.3TREI 3.3V SOT-223
IC808	1AZ117H33C	IC CHIP REGULATOR	AZ1117H-3.3TREI 3.3V SOT-223
JK209	4859201660	CONN HDMI	WF050-21UBR STR. SHELL REEL TYPE
JK210	4859201660	CONN HDMI	WF050-21UBR STR. SHELL REEL TYPE
L601	HLC330MHAE	L CHIP COIL	33UH M 8468
L602	HLC330MHAE	L CHIP COIL	33UH M 8468
L603	HLC330MHAE	L CHIP COIL	33UH M 8468
L604	HLC330MHAE	L CHIP COIL	33UH M 8468
LC108	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC109	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC110	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC202	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC203	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC204	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC205	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC206	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC207	HFF110B00B	F CHIP FERRITE BEAD	11 OHM SBK 1608
LC212	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC216	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC217	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC218	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC219	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC220	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC221	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC222	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC223	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC224	HFE900T24B	F CHIP EMI	90 OHM CML 201212
LC225	HLC150K22B	L CHIP COIL	15UH K CL201212
LC226	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC227	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC228	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC229	HFE900T24B	F CHIP EMI	90 OHM CML 201212

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LOC	PART CODE	PART NAME	DESCRIPTION
LC230	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC231	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC301	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC401	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC402	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC403	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC405	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC406	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC407	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC408	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC501	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC502	HFF221B00A	F CHIP FERRITE BEAD	220 OHM GBK 1608
LC601	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC602	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC607	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC608	HLC100K02A	L CHIP COIL	10UH MLF 2012
LC609	HLC101K44B	L CHIP COIL	100UH K NLC3225
LC610	HLC101K44B	L CHIP COIL	100UH K NLC3225
LC611	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC612	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC614	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC616	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC701	HLC479M02D	L CHIP COIL	4.7UH M SLF6028
LC802	HLC330KECE	L CHIP COIL	33UH K 1280
LC804	HLC330KECE	L CHIP COIL	33UH K 1280
LC805	HLC330KECE	L CHIP COIL	33UH K 1280
LC811	HFF601C00B	F CHIP FERRITE BEAD	600 OHM SBK 2012
LC812	HFF601C00B	F CHIP FERRITE BEAD	600 OHM SBK 2012
LC813	HFF601C00B	F CHIP FERRITE BEAD	600 OHM SBK 2012
LC815	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC816	HFF102B00B	F CHIP FERRITE BEAD	1000 OHM PBY 1608
LC817	HFF601C00B	F CHIP FERRITE BEAD	600 OHM SBK 2012
P201	4859295220	CONN WAFER	12505WS-06P
P401	4859299320	CONN WAFER	12505WS-04P
P402	4859295120	CONN WAFER	12505WS-05P
QC201	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC202	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC203	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC204	T2SA1037KB	TR CHIP	2SA1037AKT146-R
QC205	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC206	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC207	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC210	TBSS138—A	TR CHIP	BSS138
QC214	TBSS138—A	TR CHIP	BSS138
QC401	TBSS138—A	TR CHIP	BSS138
QC402	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC403	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC404	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC405	TBSS138—A	TR CHIP	BSS138
QC406	TBSS138—A	TR CHIP	BSS138
QC407	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC408	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC409	TBSS138—A	TR CHIP	BSS138
QC410	TBSS138—A	TR CHIP	BSS138
QC501	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC503	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC504	TBSS138—A	TR CHIP	BSS138
QC505	TBSS138—A	TR CHIP	BSS138
QC507	TBSS138—A	TR CHIP	BSS138
QC701	T2SC2412KB	TR CHIP	2SC2412K-T146-BR
QC702	TFTSM2311B	FET CHIP	TSM2311
RA101	HRTS8E560J	R CHIP ARRAY	1/16 8P 56 OHM 3216
RA102	HRTS8E560J	R CHIP ARRAY	1/16 8P 56 OHM 3216
RA103	HRTS8E560J	R CHIP ARRAY	1/16 8P 56 OHM 3216
RC104	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC105	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC116	HRFT102JBA	R CHIP	1/10 1K OHM J 1608
RC117	HRFT102JBA	R CHIP	1/10 1K OHM J 1608

LOC	PART CODE	PART NAME	DESCRIPTION
RC118	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC119	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC120	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC121	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC122	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC123	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC124	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC125	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC126	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC127	HRFT102JBA	R CHIP	1/10 1K OHM J 1608
RC203	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC204	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC205	HRFT750JBA	R CHIP	1/10 75 OHM J 1608
RC206	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC207	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC208	HRFT153JBA	R CHIP	1/10 15K OHM J 1608
RC209	HRFT153JBA	R CHIP	1/10 15K OHM J 1608
RC210	HRFT750FBA	R CHIP	1/10 75 OHM F 1608
RC211	HRFT750FBA	R CHIP	1/10 75 OHM F 1608
RC212	HRFT750FBA	R CHIP	1/10 75 OHM F 1608
RC216	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC217	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC218	HRFT104JBA	R CHIP	1/10 100K OHM J 1608
RC219	HRFT104JBA	R CHIP	1/10 100K OHM J 1608
RC220	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC221	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC222	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC223	HRFT750FBA	R CHIP	1/10 75 OHM F 1608
RC224	HRFT221JBA	R CHIP	1/10 220 OHM J 1608
RC225	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC226	HRFT512FBA	R CHIP	1/10 5.1K OHM F 1608
RC227	HRFT512FBA	R CHIP	1/10 5.1K OHM F 1608
RC228	HRFT472FBA	R CHIP	1/10 4.7K OHM F 1608
RC229	HRFT472FBA	R CHIP	1/10 4.7K OHM F 1608
RC230	HRFT112JBA	R CHIP	1/10 1.1K OHM J 1608
RC231	HRFT271FBA	R CHIP	1/10 270 OHM F 1608
RC232	HRFT271FBA	R CHIP	1/10 270 OHM F 1608
RC233	HRFT471JBA	R CHIP	1/10 470 OHM J 1608
RC234	HRFT471JBA	R CHIP	1/10 470 OHM J 1608
RC237	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC238	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC239	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC241	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC247	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC248	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC249	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC251	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC252	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC253	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC254	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC258	HRFT202FBA	R CHIP	1/10 2K OHM F 1608
RC260	HRFT473JBA	R CHIP	1/10 47K OHM J 1608
RC261	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC262	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC263	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC264	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC265	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC266	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC267	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC268	HRFT104JBA	R CHIP	1/10 100K OHM J 1608
RC272	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC280	HRFT152FBA	R CHIP	1/10 1.5K OHM F 1608
RC281	HRFT102JBA	R CHIP	1/10 1K OHM J 1608
RC282	HRFT102JBA	R CHIP	1/10 1K OHM J 1608
RC285	HRFT683JBA	R CHIP	1/10 68K OHM J 1608
RC286	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC287	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC288	HRFT000JBA	R CHIP	1/10 0 OHM J 1608

LOC	PART CODE	PART NAME	DESCRIPTION
RC289	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC290	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC291	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC292	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC295	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC296	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC297	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC298	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC299	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC301	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC305	HRFT221JBA	R CHIP	1/10 220 OHM J 1608
RC306	HRFT103FBA	R CHIP	1/10 10K OHM F 1608
RC308	HRFT124FBA	R CHIP	1/10 120K OHM F 1608
RC359	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC360	HRFT102FBA	R CHIP	1/10 1K OHM F 1608
RC361	HRFT152FBA	R CHIP	1/10 1.5K OHM F 1608
RC363	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC364	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC375	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC376	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC381	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC382	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC383	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC384	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC385	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC386	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC387	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC388	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC390	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC391	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC395	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC396	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC397	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC398	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC401	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC402	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC403	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC404	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC405	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC406	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC408	HRFT822JBA	R CHIP	1/10 8.2K OHM J 1608
RC409	HRFT274JBA	R CHIP	1/10 270K OHM J 1608
RC410	HRFT474JBA	R CHIP	1/10 470K OHM J 1608
RC411	HRFT473JBA	R CHIP	1/10 47K OHM J 1608
RC412	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC413	HRFT223JBA	R CHIP	1/10 22K OHM J 1608
RC414	HRFT102JBA	R CHIP	1/10 1K OHM J 1608
RC415	HRFT470JBA	R CHIP	1/10 47 OHM J 1608
RC416	HRFT470JBA	R CHIP	1/10 47 OHM J 1608
RC417	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC418	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC419	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC420	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC421	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC422	HRFT470JBA	R CHIP	1/10 47 OHM J 1608
RC423	HRFT470JBA	R CHIP	1/10 47 OHM J 1608
RC424	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC425	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC426	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC427	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC428	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC429	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC430	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC431	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC432	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC433	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC434	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC435	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC436	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC437	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC439	HRFT330JBA	R CHIP	1/10 33 OHM J 1608
RC445	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC450	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC453	HRFT330JBA	R CHIP	1/10 33 OHM J 1608
RC456	HRFT330JBA	R CHIP	1/10 33 OHM J 1608
RC459	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC460	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC461	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC462	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC463	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC464	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC465	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC466	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC467	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC469	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC472	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC473	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC474	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC475	HRFT202JBA	R CHIP	1/10 2K OHM J 1608
RC477	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC478	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC483	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC484	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC485	HRFT162JBA	R CHIP	1/10 1.6K OHM J 1608
RC487	HRFT152JBA	R CHIP	1/10 1.5K OHM J 1608
RC491	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC501	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC502	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC505	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC508	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC511	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC512	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC513	HRFT221JBA	R CHIP	1/10 220 OHM J 1608
RC514	HRFT330JBA	R CHIP	1/10 33 OHM J 1608
RC518	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC519	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC520	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC521	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC522	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC523	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608
RC525	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC538	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC540	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC541	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC544	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC546	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC548	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608
RC549	HRFT104JBA	R CHIP	1/10 100K OHM J 1608
RC552	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC557	HRFT104JBA	R CHIP	1/10 100K OHM J 1608
RC601	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC603	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC605	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC606	HRFT333JBA	R CHIP	1/10 33K OHM J 1608
RC608	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC611	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC613	HRFT220JBA	R CHIP	1/10 22 OHM J 1608
RC614	HRFT220JBA	R CHIP	1/10 22 OHM J 1608
RC615	HRFT330JBA	R CHIP	1/10 33 OHM J 1608
RC616	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC617	HRFT101JBA	R CHIP	1/10 100 OHM J 1608
RC618	HRFT102JBA	R CHIP	1/10 1K OHM J 1608
RC619	HRFT330JBA	R CHIP	1/10 33 OHM J 1608
RC620	HRFT102JBA	R CHIP	1/10 1K OHM J 1608
RC621	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC622	HRFT224JBA	R CHIP	1/10 220K OHM J 1608

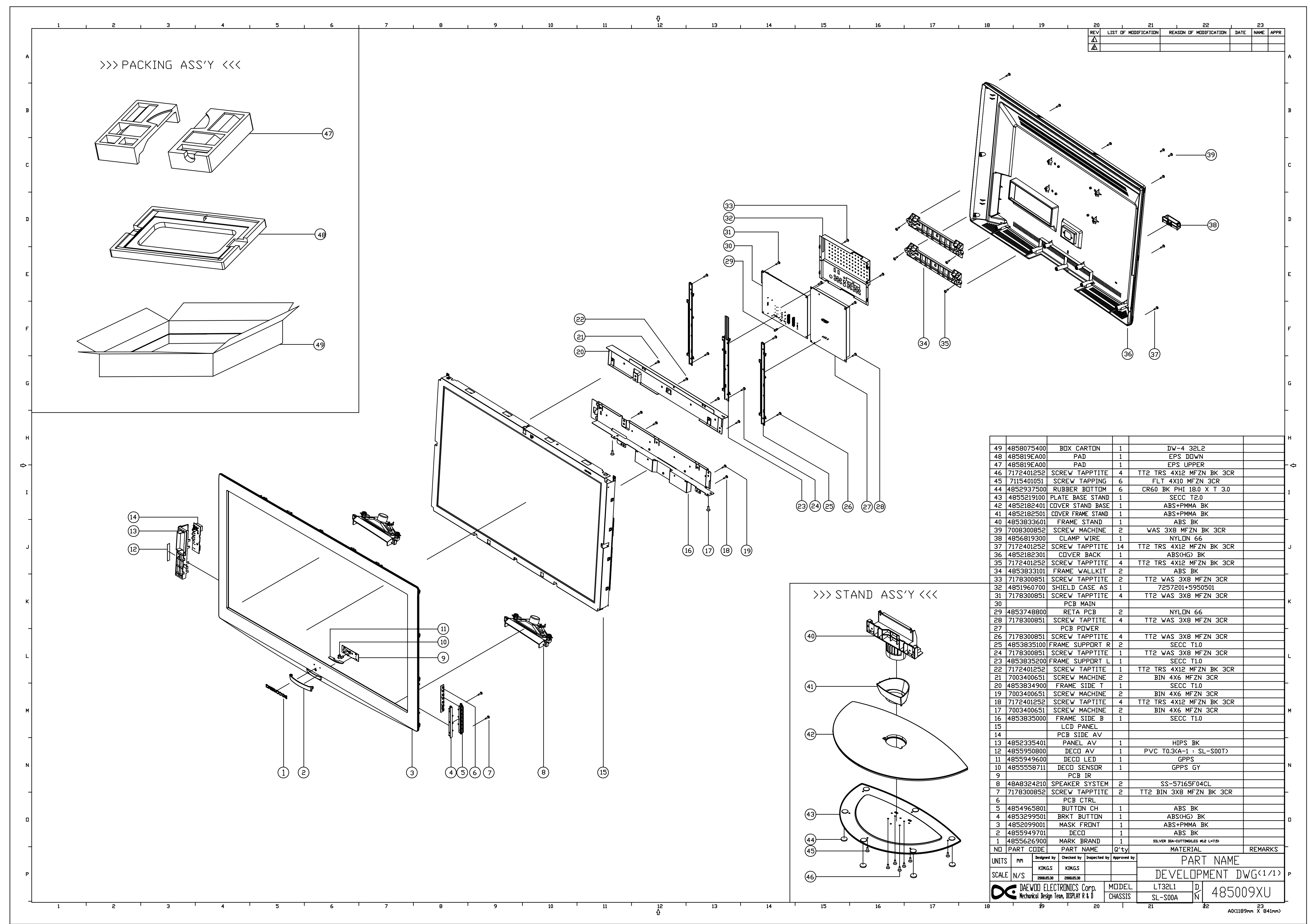
Bill of Materials

LOC	PART CODE	PART NAME	DESCRIPTION
RC623	HRFT221JBA	R CHIP	1/10 220 OHM J 1608
RC624	HRFT221JBA	R CHIP	1/10 220 OHM J 1608
RC627	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC628	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC629	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC630	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC631	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC632	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC633	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC634	HRFT224JBA	R CHIP	1/10 220K OHM J 1608
RC635	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC636	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC638	HRFT152JBA	R CHIP	1/10 1.5K OHM J 1608
RC640	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC641	HRFT103JBA	R CHIP	1/10 10K OHM J 1608
RC642	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC645	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC701	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC704	HRFT124FBA	R CHIP	1/10 120K OHM F 1608
RC714	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC720	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC721	HRFT272JBA	R CHIP	1/10 2.7K OHM J 1608
RC804	HRFT103FBA	R CHIP	1/10 10K OHM F 1608
RC810	HRFT103FBA	R CHIP	1/10 10K OHM F 1608
RC813	HRFT142FBA	R CHIP	1/10 1.4K OHM F 1608
RC814	HRFT100JBA	R CHIP	1/10 10 OHM J 1608
RC817	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC818	HRFT560JBA	R CHIP	1/10 56 OHM J 1608
RC820	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC822	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC823	HRFT100JBA	R CHIP	1/10 10 OHM J 1608
RC825	HRFT100JBA	R CHIP	1/10 10 OHM J 1608
RC828	HRFT181JBA	R CHIP	1/10 180 OHM J 1608
VA206	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA207	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA209	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA210	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA212	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA213	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA218	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA219	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA220	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA221	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA222	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA223	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA224	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA225	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA226	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA227	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA228	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA244	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA257	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA258	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA259	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA260	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA261	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA262	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA401	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA402	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA403	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA404	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA405	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA406	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA407	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA408	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA409	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA410	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA411	D18S03015-	VARISTOR CHIP	AVLC18S03015

LOC	PART CODE	PART NAME	DESCRIPTION
VA412	D18S03015-	VARISTOR CHIP	AVLC18S03015
IR901	1R24FC6B—	IC PREAMP	R24FC6B
JK901	4859118450	JACK PIN	RCA-346P 3P ANGLE
JK903	4859201670	CONN USB	USAF-041N-WR64
LD901	DLW47B3311	LED LAMP	W47B3311M (SINGLE BLUE)
M111	4851117600	PANEL AV AS	2335501+5950800
M321	4853299501	BRKT BUTTON	ABS BK
M491	4854965801	BUTTON CH	ABS BK
M551	4855558711	DECO SENSOR	GPPS GY
M592	4855949800	DECO LED	GPPS
P901	4859299820	CONN WAFER	20017WR-06A
P901A	4850706S53	CONNECTOR	20017HR-06+12505HS-06+2835=300
P902	4859290520	CONN WAFER	20017WR-04A
P902A	4859008360	CABLE USB	51004-0400+51004-0400+CORE+SLS00=450
P903	4859290520	CONN WAFER	20017WR-04A
P903A	4850704N48	CONNECTOR	20017HS-04+12505HS-04+USW=800
P904	4859299720	CONN WAFER	20017WR-05A
P904A	4850705N50	CONNECTOR	20017HS-05+12505HS-05+2835=400
CC901	HCFK104ZBA	C CHIP CERA	50V Y5V 0.1MF Z 1608
CT901	HCTBF220MB	C CHIP TANTAL	16V 22MF M 3528
RC901	HRFT183JBA	R CHIP	1/10 18K OHM J 1608
RC902	HRFT752JBA	R CHIP	1/10 7.5K OHM J 1608
RC903	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC904	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC905	HRFT752JBA	R CHIP	1/10 7.5K OHM J 1608
RC906	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608
RC907	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC908	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
RC909	HRFT000JBA	R CHIP	1/10 0 OHM J 1608
VA901	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA902	D10S031R1-	VARISTOR CHIP	ADUC10S031R1
VA903	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA904	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA905	D18S03015-	VARISTOR CHIP	AVLC18S03015
VA906	D18S03015-	VARISTOR CHIP	AVLC18S03015
A001	4859818460	PCB UNION	246X246(1X3) D1B
SW901	5S50101Z90	SW TACT	THVV502GDA
SW902	5S50101Z90	SW TACT	THVV502GDA
SW903	5S50101Z90	SW TACT	THVV502GDA
SW904	5S50101Z90	SW TACT	THVV502GDA
SW905	5S50101Z90	SW TACT	THVV502GDA
SW906	5S50101Z90	SW TACT	THVV502GDA
SW907	5S50101Z90	SW TACT	THVV502GDA

10. Mechanical Exploded View

1) LA32L1B1LM



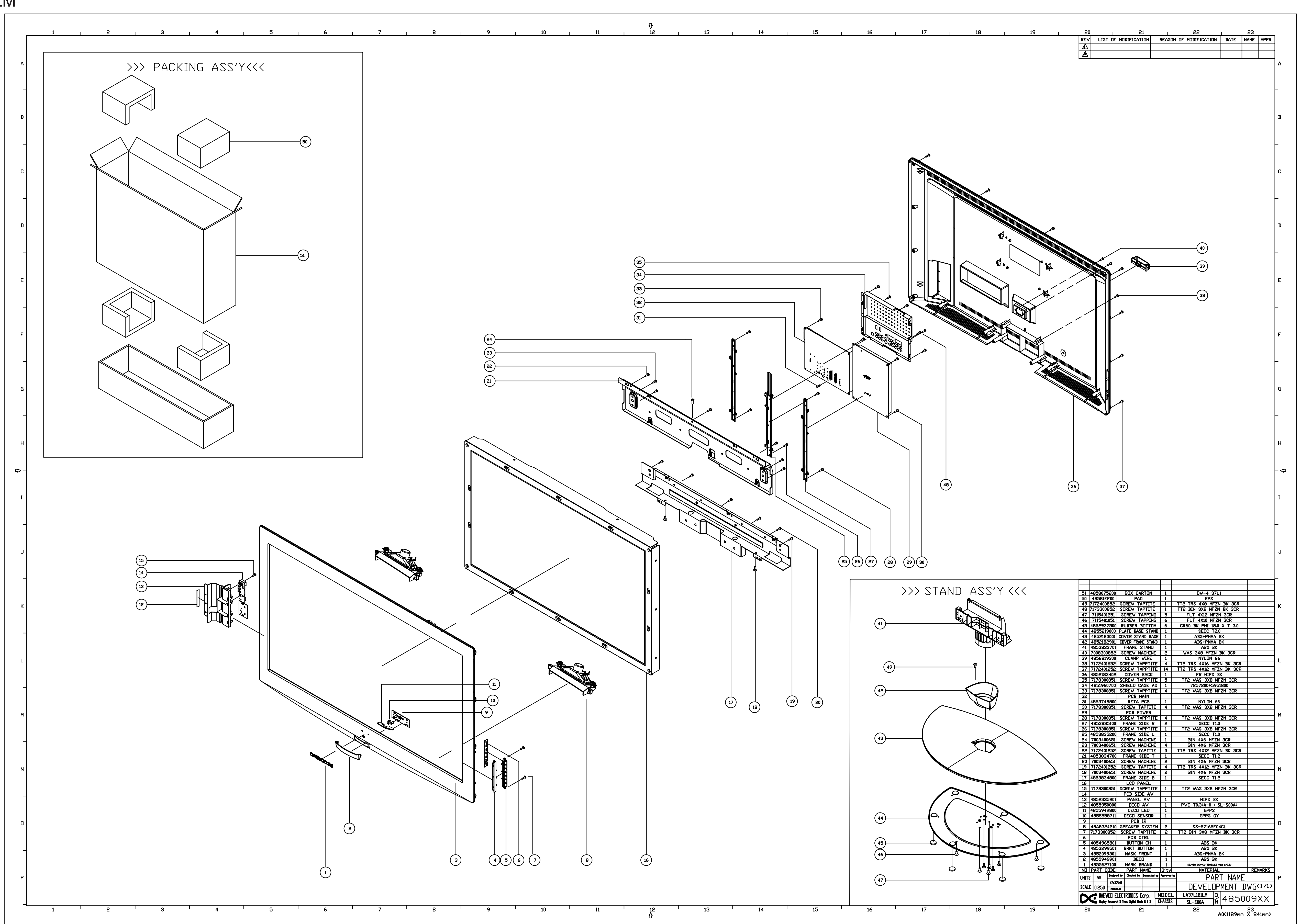
NO	PART CODE	PART NAME	Q'ty	MATERIAL	REMARKS
49	4858075400	BOX CARTON	1	DW-4 32L2	
48	485819EA00	PAD	1	EPS DOWN	
47	485819EA00	PAD	1	EPS UPPER	
46	7172401252	SCREW TAPPTITE	4	TT2 TRS 4X12 MFZN BK 3CR	
45	7115401051	SCREW TAPPING	6	FLT 4X10 MFZN 3CR	
44	4852937500	RUBBER BOTTOM	6	CR60 BK PHI 18.0 X T 3.0	
43	4855219100	PLATE BASE STAND	1	SECC T2.0	
42	4852182401	COVER STAND BASE	1	ABS+PMMA BK	
41	4852182501	COVER FRAME STAND	1	ABS+PMMA BK	
40	4853833601	FRAME STAND	1	ABS BK	
39	7008300852	SCREW MACHINE	2	WAS 3X8 MFZN BK 3CR	
38	4856819300	CLAMP WIRE	1	NYLON 66	
37	7172401252	SCREW TAPPTITE	14	TT2 TRS 4X12 MFZN BK 3CR	
36	4852182301	COVER BACK	1	ABS(HG) BK	
35	7172401252	SCREW TAPPTITE	4	TT2 TRS 4X12 MFZN BK 3CR	
34	4853833101	FRAME WALLKIT	2	ABS BK	
33	7178300851	SCREW TAPPTITE	2	TT2 WAS 3X8 MFZN 3CR	
32	4851960700	SHIELD CASE AS	1	7257201+5950501	
31	7178300851	SCREW TAPPTITE	4	TT2 WAS 3X8 MFZN 3CR	
30		PCB MAIN			
29	4853748800	RETA PCB	2	NYLON 66	
28	7178300851	SCREW TAPTITE	4	TT2 WAS 3X8 MFZN 3CR	
27		PCB POWER			
26	7178300851	SCREW TAPPTITE	4	TT2 WAS 3X8 MFZN 3CR	
25	4853835100	FRAME SUPPORT R	2	SECC T1.0	
24	7178300851	SCREW TAPPTITE	1	TT2 WAS 3X8 MFZN 3CR	
23	4853835200	FRAME SUPPORT L	1	SECC T1.0	
22	7172401252	SCREW TAPTITE	1	TT2 TRS 4X12 MFZN BK 3CR	
21	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
20	4853834900	FRAME SIDE T	1	SECC T1.0	
19	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
18	7172401252	SCREW TAPTITE	4	TT2 TRS 4X12 MFZN BK 3CR	
17	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
16	4853835000	FRAME SIDE B	1	SECC T1.0	
15		LCD PANEL			
14		PCB SIDE AV			
13	4852335401	PANEL AV	1	HIPS BK	
12	4855950800	DECO AV	1	PVC T0.3(A-1 : SL-S00T)	
11	4855949600	DECO LED	1	GPPS	
10	4855558711	DECO SENSOR	1	GPPS GY	
9		PCB IR			
8	48A8324210	SPEAKER SYSTEM	2	SS-57165F04CL	
7	7178300852	SCREW TAPPTITE	2	TT2 BIN 3X8 MFZN BK 3CR	
6		PCB CTRL			
5	4854965801	BUTTON CH	1	ABS BK	
4	4853299501	BRKT BUTTON	1	ABS(HG) BK	
3	4852099001	MASK FRONT	1	ABS+PMMA BK	
2	4855949701	DECO	1	ABS BK	
1	4855626900	MARK BRAND	1	SILVER DIA-CUTTING(LEG ø1.2 L=7.5)	

UNITS	mm	Designed by	Checked by	Inspected by	Approved by	PART NAME
SCALE	N/S	KIM.G.S 2008.05.30	KIM.G.S 2008.05.30			DEVELOPMENT DWG(1/1)

DAEWOO ELECTRONICS Corp. Mechanical Design Team, DISPLAY R & D — MODEL: LT32L1 — CHASSIS: SL-S00A — D/N: 485009XU

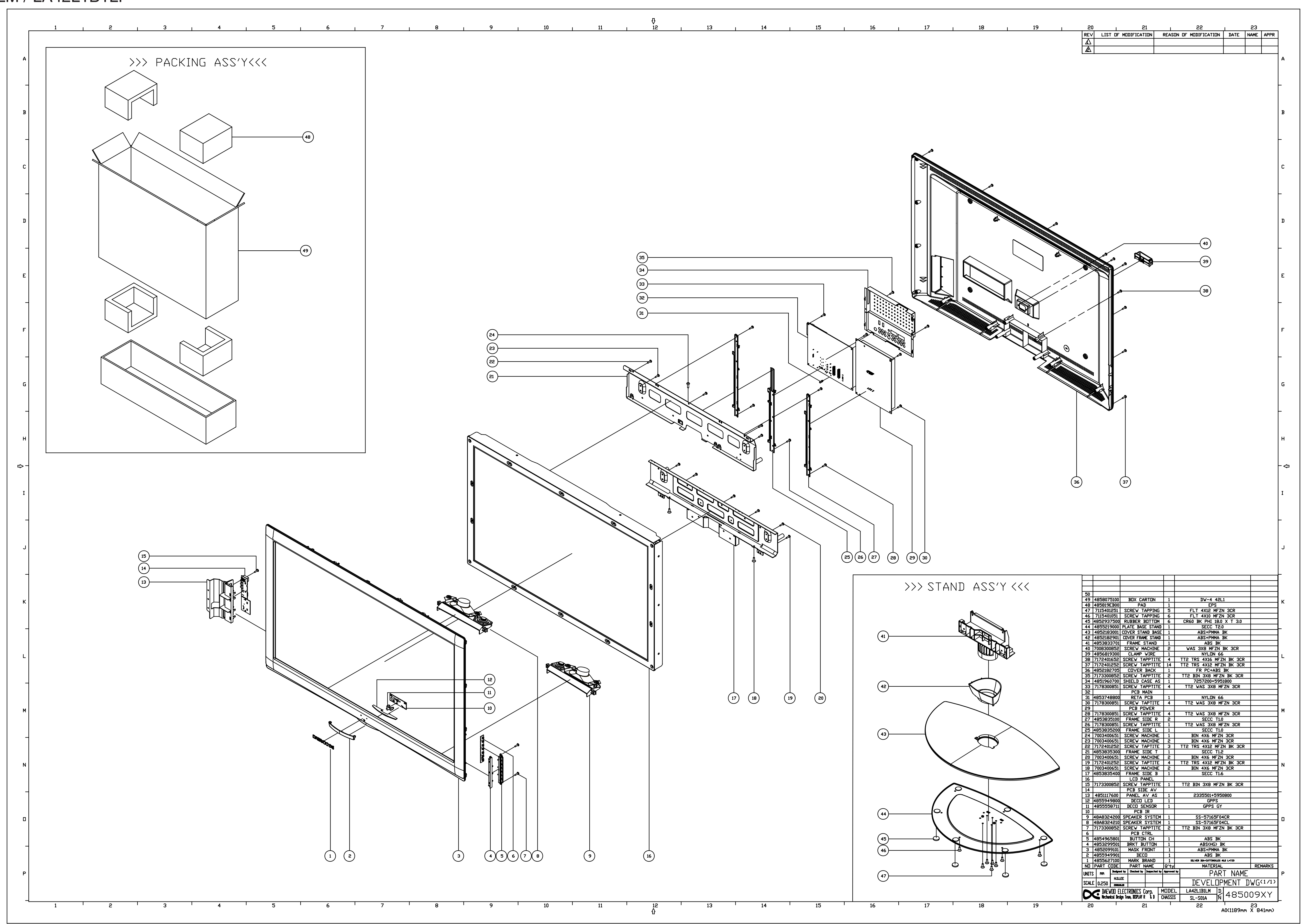
A0(1189mm X 841mm)

2) LA37L1B1LM



NO	PART CODE	PART NAME	Q'ty	MATERIAL	REMARKS
51	4858075200	BOX CARTON	1	DW-4 37L1	
50	48581EF00	PAD	1	EPS	
49	7172400852	SCREW TAPTITE	1	TT2 TRS 4X8 MFZN BK 3CR	
48	7173300852	SCREW TAPTITE	1	TT2 BIN 3X8 MFZN BK 3CR	
47	7115401251	SCREW TAPPING	5	FLT 4X12 MFZN 3CR	
46	7115401051	SCREW TAPPING	6	FLT 4X10 MFZN 3CR	
45	4852937500	RUBBER BOTTOM	6	CR60 BK PHI 18.0 X T 3.0	
44	4855219000	PLATE BASE STAND	1	SECC T2.0	
43	4852183001	COVER STAND BASE	1	ABS+PMMA BK	
42	4852182901	COVER FRAME STAND	1	ABS+PMMA BK	
41	4853833701	FRAME STAND	1	ABS BK	
40	7008300852	SCREW MACHINE	2	WAS 3X8 MFZN BK 3CR	
39	4856819300	CLAMP WIRE	1	NYLON 66	
38	7172401652	SCREW TAPPTITE	4	TT2 TRS 4X16 MFZN BK 3CR	
37	7172401252	SCREW TAPPTITE	14	TT2 TRS 4X12 MFZN BK 3CR	
36	4852183402	COVER BACK	1	FR HIPS BK	
35	7178300851	SCREW TAPPTITE	5	TT2 WAS 3X8 MFZN 3CR	
34	4851960700	SHIELD CASE AS	1	7257200+5951800	
33	7178300851	SCREW TAPPTITE	4	TT2 WAS 3X8 MFZN 3CR	
32		PCB MAIN			
31	4853748800	RETA PCB	1	NYLON 66	
30	7178300851	SCREW TAPTITE	4	TT2 WAS 3X8 MFZN 3CR	
29		PCB POWER			
28	7178300851	SCREW TAPPTITE	4	TT2 WAS 3X8 MFZN 3CR	
27	4853835100	FRAME SIDE R	2	SECC T1.0	
26	7178300851	SCREW TAPPTITE	1	TT2 WAS 3X8 MFZN 3CR	
25	4853835200	FRAME SIDE L	1	SECC T1.0	
24	7003400651	SCREW MACHINE	1	BIN 4X6 MFZN 3CR	
23	7003400651	SCREW MACHINE	4	BIN 4X6 MFZN 3CR	
22	7172401252	SCREW TAPTITE	3	TT2 TRS 4X12 MFZN BK 3CR	
21	4853834700	FRAME SIDE T	1	SECC T1.2	
20	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
19	7172401252	SCREW TAPTITE	4	TT2 TRS 4X12 MFZN BK 3CR	
18	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
17	4853834800	FRAME SIDE B	1	SECC T1.2	
16		LCD PANEL			
15	7178300851	SCREW TAPPTITE	1	TT2 WAS 3X8 MFZN 3CR	
14		PCB SIDE AV			
13	4852335901	PANEL AV	1	HIPS BK	
12	4855950800	DECO AV	1	PVC T0.3(A-0 : SL-S00A)	
11	4855949800	DECO LED	1	GPPS	
10	4855558711	DECO SENSOR	1	GPPS GY	
9		PCB IR			
8	48A8324210	SPEAKER SYSTEM	2	SS-57165F04CL	
7	7173300852	SCREW TAPTITE	2	TT2 BIN 3X8 MFZN BK 3CR	
6		PCB CTRL			
5	4854965801	BUTTON CH	1	ABS BK	
4	4853299501	BRKT BUTTON	1	ABS BK	
3	4852099301	MASK FRONT	1	ABS+PMMA BK	
2	4855949901	DECO	1	ABS BK	
1	4855627100	MARK BRAND	1	SILVER DIA-CUTTING(LEG Ø1.2 L=7.5)	

3) LA42L1B1LM / LA42L1B1LF



NO	PART CODE	PART NAME	Q'ty	MATERIAL	REMARKS
50					
49	4858075100	BOX CARTON	1	DW-4 42L1	
48	485819EB00	PAD	1	EPS	
47	7115401251	SCREW TAPPING	5	FLT 4X12 MFZN 3CR	
46	7115401051	SCREW TAPPING	6	FLT 4X10 MFZN 3CR	
45	4852937500	RUBBER BOTTOM	6	CR60 BK PHI 18.0 X T 3.0	
44	4855219000	PLATE BASE STAND	1	SECC T2.0	
43	4852183001	COVER STAND BASE	1	ABS+PMMA BK	
42	4852182901	COVER FRAME STAND	1	ABS+PMMA BK	
41	4853833701	FRAME STAND	1	ABS BK	
40	7008300852	SCREW MACHINE	2	WAS 3X8 MFZN BK 3CR	
39	4856819300	CLAMP WIRE	1	NYLON 66	
38	7172401652	SCREW TAPPTITE	4	TT2 TRS 4X16 MFZN BK 3CR	
37	7172401252	SCREW TAPPTITE	14	TT2 TRS 4X12 MFZN BK 3CR	
36	4852182705	COVER BACK	1	FR PC+ABS BK	
35	7173300852	SCREW TAPPTITE	2	TT2 BIN 3X8 MFZN BK 3CR	
34	4851960700	SHIELD CASE AS	1	7257200+5951800	
33	7178300851	SCREW TAPPTITE	4	TT2 WAS 3X8 MFZN 3CR	
32		PCB MAIN			
31	4853748800	RETA PCB	1	NYLON 66	
30	7178300851	SCREW TAPTITE	4	TT2 WAS 3X8 MFZN 3CR	
29		PCB POWER			
28	7178300851	SCREW TAPPTITE	4	TT2 WAS 3X8 MFZN 3CR	
27	4853835100	FRAME SIDE R	2	SECC T1.0	
26	7178300851	SCREW TAPPTITE	1	TT2 WAS 3X8 MFZN 3CR	
25	4853835200	FRAME SIDE L	1	SECC T1.0	
24	7003400651	SCREW MACHINE	1	BIN 4X6 MFZN 3CR	
23	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
22	7172401252	SCREW TAPTITE	3	TT2 TRS 4X12 MFZN BK 3CR	
21	4853835300	FRAME SIDE T	1	SECC T1.2	
20	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
19	7172401252	SCREW TAPTITE	4	TT2 TRS 4X12 MFZN BK 3CR	
18	7003400651	SCREW MACHINE	2	BIN 4X6 MFZN 3CR	
17	4853835400	FRAME SIDE B	1	SECC T1.6	
16		LCD PANEL			
15	7173300852	SCREW TAPPTITE	1	TT2 BIN 3X8 MFZN BK 3CR	
14		PCB SIDE AV			
13	4851117600	PANEL AV AS	1	2335501+5950800	
12	4855949800	DECO LED	1	GPPS	
11	4855558711	DECO SENSOR	1	GPPS GY	
10		PCB IR			
9	48A8324200	SPEAKER SYSTEM	1	SS-57165F04CR	
8	48A8324210	SPEAKER SYSTEM	1	SS-57165F04CL	
7	7173300852	SCREW TAPPTITE	2	TT2 BIN 3X8 MFZN BK 3CR	
6		PCB CTRL			
5	4854965801	BUTTON CH	1	ABS BK	
4	4853299501	BRKT BUTTON	1	ABS(HG) BK	
3	4852099101	MASK FRONT	1	ABS+PMMA BK	
2	4855949901	DECO	1	ABS BK	
1	4855627100	MARK BRAND	1	SILVER DIA-CUTTING(LEG Ø1.2 L=7.5)	



DAEWOO ELECTRONICS CORP.
686, AHYEON-DONG, MAPO-GU,
SEOUL, KOREA.
C.P.O. BOX 8003 SEOUL KOREA